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Summary/Receipt

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Your submission is complete. Thank you for using DEP's online reporting system.
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DEP Transaction ID: 256378

Date and Time Submitted: 8/3/2009 7:07:44 PM

Other Email :

Form Name: AQ Source Registration Package

New APForm Creator(Use to add Emission Units)

Source Registration(Facility Information)

AP4(DEP #9 - AG TANK #6-2,262,000 GAL #2 OIL-0.3%S)

AP4(DEP #6 - AG TANK #3-203,994 GAL #2 OIL-0.3%S)

AP4(DEP #8 - AG TANK #5-493,000 GAL #2 OIL-0.3%S)

AP4(DEP #7 - AG TANK #4-493,000 GAL KEROSENE)

AP4(DEP #5 - AG TANK #2-203,532 GAL -EMPTY-)

AP4(DEP #4 - AG TANK #1-203,826 GAL #2 OIL-0.3%S)

AP4(DEP #14 - AG TANK #11-3,480,000 GAL #6 OIL-1%S)

AP4(DEP #15 - AG TANK #12-3,480,000 GAL #2 OIL-0.3%S)

AP4()

AP4()

AP4()

AP4()

AP4()

AP4()

AP4()

AP4(DEP #10 - AG TANK #7-3,301,000 GAL #2 OIL-0.3%S)

AP4(DEP #11 - AG TANK #8-3,934,000 GAL #2 OIL-0.3%S)

AP4(DEP #12 - AG TANK #9-6,124,000 GAL KEROSENE)

AP4(DEP #13 - AG TANK #10-4,012,000 GAL KEROSENE)

AP Stack(DEP #1 - 1 STACK - BOILER #1-HODGE/SCOTCH)

AP Stack(DEP #3 - 1 STACK - BOILER #3-WEIL MCLAIN OFFICE BUILDING)

AP Stack(DEP #2 - 1 STACK - BOILER #2-YORK-SHIPLEY)

AP1 Sec A(DEP #2 - BOILER #2-YORK SHIPLEY SPL200-6 7.9 MMBTU/HR)

AP1 Sec A(DEP #1 - BOILER #1-HODGE/SCOTCH 10.65 MMBTU/HR #2 OIL-0.3)

AP1 Sec A(DEP #3 - HOT AIR FURNACE ARMSTRONG ULTRA 80)

AP2 Sec A(DEP #17 - LOADING #2-BARGES DISTILLATES)

AP2 Sec A(DEP #16 - TRUCK LOADING RACK DISTILLATES)

TES(Total Emissions Statement and Hazardous Air Pollutant List)

[My eDEP](#)



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

Source Registration Overview

Create or Amend a Source Registration Forms Package

2008

Year of Record

1191014

Facility AQ identifier

A. Create a Source Registration Package

Click “?” icons for important notes

1. Select existing or new facility:

☒ **Existing Facilities:** To create a complete package for **2008** check box.

☐ check if you added emission units or stacks since your last report.

☐ **New Facilities** – check if you have never before submitted a Source Registration

IMPORTANT !

2. Validate this form:

How do you replace units ?

Date Received (DEP use only – mm/dd/yyyy)

B. Amend a Source Registration

1. If you need to correct or add to a previously submitted Source Registration for **2008** check the boxes in the list below to select the forms/units you wish to work on. Check here to add new units: ☐

2. Validate this form:

How do you amend a prior year's Source Registration ?

Facility Name: **SPRAGUE ENERGY**

Our records indicate that this facility has: **17** Emission Units (points) and **3** Physical Stacks

- ☒ AP-SR Source Registration Form (general facility and contact information) – REQUIRED
☒ AP-TES Total Emissions Statement (facility-wide emissions; includes hazardous Air Pollutant (HAP) reporting).

How does the new numbering system differ from the old ?

		Emission unit name (from prior submittals)	Facility's ID#	DEP#	AP form	Last update
OK	<input checked="" type="checkbox"/>	BOILER #1-HODGE/SCOTCH 10.65 MMBTU/HR #2 OIL-0.3	1 ✓	1	AP-1	2000
OK	<input checked="" type="checkbox"/>	BOILER #2-YORK SHIPLEY SPL200-6 7.9 MMBTU/HR	2 ✓	2	AP-1	2000
OK	<input checked="" type="checkbox"/>	HOT AIR FURNACE ARMSTRONG ULTRA 80	3 ✓	3	AP-1	2000
OK	<input checked="" type="checkbox"/>	TRUCK LOADING RACK DISTILLATES	16 ✓	16	AP-2	2000
OK	<input checked="" type="checkbox"/>	LOADING #2-BARGES DISTILLATES	17 ✓	17	AP-2	2000
OK	<input checked="" type="checkbox"/>	AG TANK #1-203,826 GAL #2 OIL-0.3%S	4 ✓	4	AP-4	2000
OK	<input checked="" type="checkbox"/>	AG TANK #2-203,532 GAL -EMPTY-	5 ✓	5	AP-4	2000
OK	<input checked="" type="checkbox"/>	AG TANK #3-203,994 GAL #2 OIL-0.3%S	6 ✓	6	AP-4	2000
OK	<input checked="" type="checkbox"/>	AG TANK #4-493,000 GAL KEROSENE	7 ✓	7	AP-4	2000
OK	<input checked="" type="checkbox"/>	AG TANK #5-493,000 GAL #2 OIL-0.3%S	8 ✓	8	AP-4	2000
Additional units (if any) listed on following pages	<input checked="" type="checkbox"/>	AG TANK #6-2,262,000 GAL #2 OIL-0.3%S	9 ✓	9	AP-4	2000
	<input checked="" type="checkbox"/>	AG TANK #7-3,301,000 GAL #2 OIL-0.3%S	10 ✓	10	AP-4	2000
Diesel	<input checked="" type="checkbox"/>	AG TANK #8-3,934,000 GAL #2 OIL-0.3%S	11 ✓	11	AP-4	2000

Source Registration Overview

1191014

Facility AQ identifier

Create or Amend a Source Registration Forms Package

[illegible]

Source Registration Overview

Create or Amend a Source Registration Forms Package

[illegible]



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

New Unit Creator Form

Adding New Emission Units and Stacks

2008

Year of Record

1191014

Facility AQ Identifier

Steps to Add New Emissions Units and Stacks

1. Enter the TOTAL number of **new units** and **new stacks** to add to this package in the boxes below:

New Facilities: If you are a new facility (or this is your first Source Registration) you must complete a form for each emission unit and stack.

Replacing emissions units: To replace an emissions unit or stack you must add a form for the new replacement unit in the boxes below. Then you must **decommission** the old one (by inserting a decommission date in the form for the old unit) Enter the decommission date on the form for the old unit first, then fill out the form for the new replacement unit.

IMPORTANT

Please Read
if revalidating

AP-1 Fuel Utilization Equipment (boilers, engines, furnaces, etc.)

AP-2 Processes (including coatings, painting, etc)

AP-3 Incinerators

AP-4 Organic Material Storage (tanks)

AP-Stack (new/replacement stacks for any emission unit/s)

2. Validate this form: eDEP will add the TOTAL number of blank forms you requested to your package.

BWP AQ AP-4

Emission Unit – Organic Material Storage

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units ?

How to delete a unit ?

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

EU#18 AG TANK #X-5

a. Facility's choice of emission unit name – edit as needed

18

b. Facility's emission unit number / code – edit as needed

d. Combined Units – enter number of individual units

c. DEP emissions unit # – SSEIS point #

3. Emission unit installation and decommission dates:

1/1/2004

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

10.75

c. Height / Length – feet

4.00

d. Diameter – feet

1000.0000

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Massachusetts Department of Environmental Protection

Bureau of Waste Prevention – Air

BWP AQ AP-4

Emission Unit – Organic Material

2008

Year of record

DEP EU# (old Point #)

1191014

Facility AQ Identifier

A. Equipment Descriptive

7. Material stored (at start of year):

RED DYE ADDITIVE

a. Name of material

40301021

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

c. SC Code for standing / breathing loss

0.500

d. SC Code description – filled by eDEP

60

e. Vapor pressure in PSI at 25° C

564.0000

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

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Click "?" icon
for SC Code
help

BWP AQ AP-4

Emission Unit – Organic Material Storage

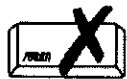
DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to
combine
units ?

How to delete
a unit ?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

EU#19 AG TANK #X-6

a. Facility's choice of emission unit name – edit as needed

19

b. Facility's emission unit number / code – edit as needed

d. Combined Units – enter number of individual units

c. DEP emissions unit # – SSEIS point #

3. Emission unit installation and decommission dates:

1/1/1995

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

6.10

c. Height / Length – feet

4.00

d. Diameter – feet

600.0000

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

Pos:
Unisol Red

(old Point #)

4

Q identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

RED DYE ADDITIVE

a. Name of material

40301021

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

c. SC Code for standing / breathing loss

0.500

d. SC Code description – filled by eDEP

60

e. Vapor pressure in PSI at 25° C

338.0000

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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Click "?" icon
for SC Code
help

Heath Force

f record

BWP AQ AP-4

Emission Unit – Organic Material Storage

U# (old Point #)

014

/ AQ identifier

Complete one AP-4 for EACH organic material storage tank

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to
combine
units ?

How to delete
a unit ?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

EU#20 AG TANK #X-7

a. Facility's choice of emission unit name – edit as needed

20

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/2004

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

4.00

c. Height / Length – feet

3.50

d. Diameter – feet

500.0000

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

A. Equipment Description (cont.)

7. Material stored (at start of year):

HEAT FORCE ADDITIVE

a. Name of material

40301021

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

c. SC Code for standing / breathing loss

0.500

d. SC Code description – filled by eDEP

60

e. Vapor pressure in PSI at 25° C

93.0000

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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BWP AQ AP-4

Emission Unit – Organic Material Storage

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units ?

How to delete a unit ?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

EU#21 AG TANK #X-9

a. Facility's choice of emission unit name – edit as needed

21

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/2004

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

4.00

3.50

500.0000

c. Height / Length – feet

d. Diameter – feet

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE

a. Name of material

40301021

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

c. SC Code for standing / breathing loss

0.000

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

0.0000

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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BWP AQ AP-4

Emission Unit – Organic Material Storage

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units ?

How to delete a unit ?

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

EU#22 AG TANK #X-11

a. Facility's choice of emission unit name – edit as needed

22

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1995

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

18.00

c. Height / Length – feet

5.33

d. Diameter – feet

3000.0000

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE

a. Name of material

40301021

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

c. SC Code for standing / breathing loss

0.000

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

0.0000

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

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Click "?" icon
for SC Code
help

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

2008

Year of record

BWP AQ AP-4

Emission Unit – Organic Material Storage

Lubricity

DEP EU# (old Point #)

1191014

Facility AQ Identifier

Complete one AP-4 for EACH organic material

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units ?

How to delete a unit ?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ Identifier – SSEIS ID number

2. Emission unit identifiers:

EU#23 AG TANK #X-12

a. Facility's choice of emission unit name – edit as needed

23

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/2004

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

12.00

5.33

2000.0000

c. Height / Length – feet

d. Diameter – feet

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

DEP EU# (old Point #)
1191014
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

LUBRICITY ADDITIVE

a. Name of material

40301021

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

c. SC Code for standing / breathing loss

0.500

d. SC Code description – filled by eDEP

60

e. Vapor pressure in PSI at 25° C

3121.0000

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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Click "7" icon
for SC Code
help

BWP AQ AP-4

Emission Unit – Organic Material Storage

DEP EU# (old Point #)
1191014
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units?

How to delete a unit?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

EU#23 AG TANK #X-13

a. Facility's choice of emission unit name – edit as needed

23

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1995

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

18.00

c. Height / Length – feet

5.33

d. Diameter – feet

3000.0000

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

DEP EU# (old Point #)
1191014
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NO. 2 FUEL OIL

a. Name of material

68476302

40301021

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

c. SC Code for standing / breathing loss

0.200

d. SC Code description – filled by eDEP

60

e. Vapor pressure in PSI at 25° C

105323.0000

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-SR

Source Registration

2008

Year of Record

1191014

Facility AQ identifier

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Facility Information

1. Facility - the site or works at which the regulated activity occurs:

SPRAGUE ENERGY

a. Facility Name

728 SOUTHERN ARTERY ST

b. Facility Street Address Line 1

c. Facility Street Address Line 2

QUINCY

d. City/Town

6178470994

g. Facility Phone Number

MA

e. State

021690000

f. Zip Code

h. Facility Fax Number

2. Mailing address: ☐ same address as facility address

728 SOUTHERN ARTERY

a. Facility Mailing Address / PO Box Line 1

b. Facility Mailing Address / PO Box Line 2

QUINCY

c. City/Town

MA

d. State

021690000

e. Zip Code

3. Facility type – check one:

☐ Utility ☒ Private ☐ Tribal ☐ Federal ☐ State ☐ Local Government

4. ORIS Facility Code - for large electrical utilities only:

ORIS Facility Code

5. ID numbers:

275802

a. DEP Account number / FMF Facility #

1191014

b. Facility AQ identifier – SSEIS ID number

6. Location (check box to enter either UTM OR Lat/Long) :

☐ a. UTM coordinates

☒ b. Latitude/Longitude

c. UTMHorizontal - meters

d. UTM Vertical - meters

e. UTM Zone

Valid Ranges:

42.260395

f. Latitude 42.9° - 41.2°

70.987131

g. Longitude – West

73.5° - 69.8°

Enter positive values only.

How to find location data ?



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-SR

Source Registration

2008

Year of Record

1191014

Facility AQ identifier

A. Facility Information (cont.)

7. North American Industry Classification System (NAICS) 6 digits:

424710

a.

b.

c.

d.

8. Facility description (what is being produced and how it is being produced at this facility – update as needed):

THIS IS A BULK STORAGE MARINE TERMINAL. THE FOLLOWING PRODUCTS ARE STORED AT THE TERMINAL: JP-5 (JET FUEL), DIESEL FUEL, KEROSENE, NO. 2 FUEL OIL, NO. 6 FUEL OIL, RED DYE ADDITIVE, HEATFORCE ADDITIVE, JET A FILTER, AND LUBRICITY ADDITIVE.

9. Facility's normal hours of operation:

12:00 AM

a. Start time

12:00 AM

b. End Time

☒ c. Continuous - 24 x 7 x 52

d. Which days is the facility open? ☒ S ☒ M ☒ T ☒ W ☒ T ☒ F ☒ S

10. Number of employees: **8**

11. Facility Owner: ☐ same address as facility mailing address (will copy address into fields below)

Who is an
Owner?

Please contact your DEP Regional Office if the ownership of this facility has changed.

SPRAGUE ENERGY CORP

a. Owner or Corporation Name

2 INTERNATIONAL DR , SUITE 200

b. Mailing Address Line 1 (for owner or corporation)

ACCOUNTING

c. Mailing Address Line 2

PORTSMOUTH

d. City/Town

UNITED STATES

g. Country

6034311000

h. Owner Phone Number

pcroteau@spragueenergy.com

k. Owner E-mail Address

NH

e. State

038010000

f. Zip Code

i. Extension

j. Owner Fax Number

l. Owner TIN (Taxpayer Identification Number - 9 digits)



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-SR

Source Registration

2008

Year of Record

1191014

Facility AQ identifier

A. Facility Information (cont.)

12. Facility contact information:

- ☐ same address as facility address
☐ same address as facility mailing address

STEVE

CIPULLO

a. Facility Contact First Name

Contact Last Name

728 SOUTHERN ARTERY

b. Mailing Address Line 1

c. Mailing Address Line 2

QUINCY

MA

021690000

d. City/Town

e. State

f. Zip Code

UNITED STATES

scipullo@spragueenergy.com

g. Country

h. E-mail Address

6178470994

i. Phone Number

j. Extension

k. Fax Number

13. Air emissions information contact:

- ☐ same as facility contact name and address
☐ same address as facility address

PETER

CROTEAU

a. Air emissions contact First Name

Air emissions contact Last Name

TWO INTERNATIONAL DRIVE

b. Mailing Address Line 1

c. Mailing Address Line 2

PORTSMOUTH

NH

038016809

d. City/Town

e. State

f. Zip Code

USA

pcroteau@spragueenergy.com

g. Country

h. E-mail Address

6034307205

i. Phone Number

j. Extension

k. Fax Number

B. Preparer

1. Identification information for preparer of this submittal:

- ☒ same as facility air emissions contact name and address
☐ same as facility contact name and address
☐ same address as facility address

PETER

CROTEAU

a. Preparer First Name

Preparer Last Name

TWO INTERNATIONAL DRIVE

b. Mailing Address Line 1

c. Mailing Address Line 2

PORTSMOUTH

NH

038016809

d. City/Town

e. State

f. Zip Code

USA

pcroteau@spragueenergy.com

g. Country

h. E-mail Address

6034307205

i. Phone Number

j. Extension

k. Fax Number



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-SR

Source Registration

2008

Year of Record

1191014

Facility AQ identifier

C. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:**



Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that **cannot** be sent electronically, please list all such attachments I notes above and deliver them to DEP with a paper copy of this form.

D. Certification

Who is a
Responsible
Official ?

"I hereby certify that I have personally examined the foregoing and am familiar with the information contained in this document and all attachments and, that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment."

A responsible official for the facility must provide the electronic signature. The signature and date are inserted below by eDEP when the package is submitted.

Responsible official – complete all fields below:

PETER

a. Print First Name

CROTEAU

b. Print Last Name

REGIONAL HSE MANAGER

c. Title

603-430-7205

d. Phone Number

pcroteau@spragueenergy.com

e. E-mail Address

What if you are not a Responsible Official ?

Signed under the pains and penalties of perjury:

Signature of Responsible Official

Date

eDEP enters these fields automatically on submission.

BWP AQ AP-STACK

Physical Vertical Stacks

2008

Year of record

3

DEP Stack #

1191014

Facility AQ identifier

Complete one AP-STACK form for EACH physical stack at the facility

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



What to do if data is unknown or unavailable?

How to delete a stack?

A. Stack Description

How to report combined units/stacks: see 3b below

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. AQ identifier – SSEIS ID number

2. Stack identifiers:

1 STACK - BOILER #3-WEIL MCLAIN OFFICE BUILDING

a. Facility's choice of stack name – edit as needed

3

3

b. Facility's stack number – edit as needed

c. DEP stack # – old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks: _____

4. Dimensions:

20

Height in feet above the ground

0.7

Internal Diameter in feet

5. Gas exit velocity:

Low end - feet per second (0.1 – 500)

350

High end - feet per second (0.1 – 500)

350

6. Exit temperature:

Low end - °Fahrenheit (50 – 1800)

High end - °Fahrenheit (50 – 1800)

7. Stack liner material: ☐ metal ☒ brick refractory ☐ other:

Describe Other

8. Decommission date – if applicable:

(mm/dd/yyyy) Complete only if the stack was permanently removed

B. Emission Units Associated with Stack – eDEP Only

Below is a list of the emission units associated with this stack. This list is for information only – no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: this list does not reflect changes you have made on-line, but not yet submitted.

EU#3-HOT AIR FURNACE ARMSTRONG ULTRA 80

Important:
To assign an emission unit to this stack, enter the Stack Id No. on the form for the emission unit (i.e., AP1, AP2, or AP3).

BWP AQ AP-STACK

Emission Unit – Fuel Utilization Equipment

2008

Year of record

3

DEP Stack #

1191014

Facility AQ identifier

C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission.

2. **Attachments:**

- ☐ Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that **cannot** be sent electronically, please list all such attachments below and deliver them to DEP with a paper copy of this form.

BWP AQ AP-STACK

Physical Vertical Stacks

2008

Year of record

2

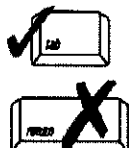
DEP Stack #

1191014

Facility AQ identifier

Complete one AP-STACK form for EACH physical stack at the facility

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



What to do if data is unknown or unavailable?

How to delete a stack?

Important:
To assign an emission unit to this stack, enter the Stack Id No. on the form for the emission unit (i.e., AP1, AP2, or AP3).

A. Stack Description

How to report combined units/stacks: see 3b below

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. AQ identifier – SSEIS ID number

2. Stack identifiers:

1 STACK - BOILER #2-YORK-SHIPLEY

a. Facility's choice of stack name – edit as needed

2

b. Facility's stack number – edit as needed

2

c. DEP stack # – old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks:

4. Dimensions:

25

Height in feet above the ground

1.1

Internal Diameter in feet

5. Gas exit velocity:

Low end - feet per second (0.1 – 500)

350

High end - feet per second (0.1 – 500)

350

6. Exit temperature:

Low end - °Fahrenheit (50 – 1800)

High end - °Fahrenheit (50 – 1800)

7. Stack liner material: ☒ metal ☐ brick refractory ☐ other:

Describe Other

8. Decommission date – if applicable:

(mm/dd/yyyy) Complete only if the stack was permanently removed

B. Emission Units Associated with Stack – eDEP Only

Below is a list of the emission units associated with this stack. This list is for information only – no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: this list does not reflect changes you have made on-line, but not yet submitted.

EU#2-BOILER #2-YORK SHIPLEY SPL200-6 7.9 MMBTU/HR

BWP AQ AP-STACK

Emission Unit – Fuel Utilization Equipment

2008

Year of record

2

DEP Stack #

1191014

Facility AQ identifier

C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission.

2. **Attachments:**

- ☐ Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that **cannot** be sent electronically, please list all such attachments below and deliver them to DEP with a paper copy of this form.

BWP AQ AP-STACK

Physical Vertical Stacks

2008

Year of record

1

DEP Stack #

1191014

Facility AQ identifier

Complete one AP-STACK form for EACH physical stack at the facility

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



What to do if data is unknown or unavailable?

A. Stack Description

How to report combined units/stacks: see 3b below

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. AQ identifier – SSEIS ID number

2. Stack identifiers:

1 STACK - BOILER #1-HODGE/SCOTCH

a. Facility's choice of stack name – edit as needed

1

b. Facility's stack number – edit as needed

1

c. DEP stack # – old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks: _____

4. Dimensions:

25

Height in feet above the ground

2.3

Internal Diameter in feet

5. Gas exit velocity:

Low end - feet per second (0.1 – 500)

350

High end - feet per second (0.1 – 500)

350

6. Exit temperature:

Low end - °Fahrenheit (50 – 1800)

High end - °Fahrenheit (50 – 1800)

7. Stack liner material: ☒ metal ☐ brick refractory ☐ other:

Describe Other

8. Decommission date – if applicable:

(mm/dd/yyyy) Complete only if the stack was permanently removed

How to delete a stack?

B. Emission Units Associated with Stack – eDEP Only

Below is a list of the emission units associated with this stack. This list is for information only – no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: this list does not reflect changes you have made on-line, but not yet submitted.

EU#1-BOILER #1-HODGE/SCOTCH 10.65 MMBTU/HR #2 OIL-0.3

Important:
To assign an emission unit to this stack, enter the Stack Id No. on the form for the emission unit (i.e., AP1, AP2, or AP3).

BWP AQ AP-STACK

Emission Unit – Fuel Utilization Equipment

2008

Year of record

1

DEP Stack #

1191014

Facility AQ identifier

C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission.

2. **Attachments:**

- ☐ Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that **cannot** be sent electronically, please list all such attachments below and deliver them to DEP with a paper copy of this form.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008

Year of record

3

DEP EU# (old Point #)

1191014

Facility AQ identifier

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



How to delete a unit?
(click ?-icon)

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

HOT AIR FURNACE ARMSTRONG ULTRA 80

a. Facility's choice of emission unit name – edit as needed

3

b. Facility's emission unit number / code – edit as needed

3

c. DEP emissions unit # – old point #

d. ORIS ID # – for large electrical utilities only

e. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

a. Most recent approval number

b. DEP approval date (mm/dd/yyyy)

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☒ yes ☐ no

5. If exempt from Plan Approval, indicate reason why (e.g., cite a specific DEP regulation):

BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) 7 AND 15

Reason for exemption

6. Emission unit installation date and decommission date:

1/1/1998

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shutdown permanently or replaced since the last report.

7. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emission unit number and name for the unit being replaced below:

b. DEP's emission unit number and facility unit name

8. Additional state reporting requirements:

a. Are there other routine air quality reporting requirements for this emissions unit ?

☐ yes - specify reporting frequency below

☒ no – skip to question 8c

b. Reporting frequency - check all that apply:

☐ 1. Monthly ☐ 2. Quarterly ☐ 3. Semi-annual ☐ 4. Annual ☐ 5. RES

(include Operating Permit and Plan Approval reports, but not exceedance reporting)

c. Is this unit subject to (check all that apply):

☐ NESHAP

☐ NSPS

☐ MACT



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

A. Equipment Description (cont.)

2008

Year of record

3

DEP EU# (old Point #)

1191014

Facility AQ identifier

9. Equipment:

How to report
on combined
units?

a. Type: ☒ boiler ☐ furnace ☐ engine ☐ other:

If engine, is this an emergency generator? ☐ yes ☒ no Describe "other" equipment type

ARMSTRONG

b. Manufacturer

1

d. Max input rating MMBtu/hr (enter "0" if not applicable)

ULTRA 80

c. Model number

1

e. Number of burners (enter "0" if not applicable)

What to do
if data
unknown or
not available?

f. Type of burner – check one:

☐ rotary

☐ mech. atomizer

☐ steam atomizer

☐ air atomizer

☐ traveling grate

☐ hand fired

☒ other:

DIRECT FIRED

"other" burner type

UNKNOWN

CARLIN

g. Burner manufacturer

1/1/1998

h. Burner model number

i. Burner installation date (mm/dd/yyyy)

10. Hours of operation for the emission unit: a. ☐ check if continuously operated – 24 x 7 x 52

24

b. Number of hours per day

7

c. Number of days per week

34

d. Number of weeks per year

e. Percent of total annual operation that occurs in each calendar quarter:

50.0

Q1

10.0

Q2

10.0

Q3

30.0

Q4

Sum of Q1+Q2+Q3+Q4 must = 100%,
or 0% if the unit was not operated for any quarter

11. Ozone season operation schedule – May 1 through September 30:

7

a. Ozone season hours per day

5

b. Ozone season days per week

9

c. Weeks operated in ozone season

12. Emission release point – select one:

Engines click here for instructions:

Non-Stack Release Points:

☐ fugitive

☐ horizontal vent

☐ engine exh. ☐ downward facing vent

☐ vertical stack/vent less than 10ft

Physical Stacks:

☒ vertical stack

☐ vertical with rain cap/sleeve

If Non-Stack release point, skip to question 14.

13. Link this unit to a physical stack (if applicable) – pick from the list below:

3 1 STACK - BOILER #3-WEIL MCLAIN OFFICE BUILDING

Facility's stack identifier from STACK form – to change stack name use STACK form

If the stack for this unit is not listed, save and exit this form now and complete a new Stack form before completing to this form.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

A. Equipment Description (cont.)

2008

Year of record

3

DEP EU# (old Point #)

1191014

Facility AQ identifier

14. Is there a pollution control device on this emissions unit?

☐ Check here if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to delete a control?

☐ yes – answer a through i

☒ no – skip to question 15

Air pollution control device 1

Air pollution control device 2

Air pollution control device 3

Do not leave blank – if unknown write 'unknown' or estimate

Leave f, g, h blank if not applicable.

a. Type _____
b. Manufacturer _____
c. Model number _____
d. Facility's ID for this device _____
e. Installation date (mm/dd/yyyy) _____
f. DEP approval # (most recent) _____
g. DEP approval date (mm/dd/yyyy) _____
h. Decommission date (mm/dd/yyyy) _____

Type _____
Manufacturer _____
Model number _____
Facility's ID for this device _____
Installation date (mm/dd/yyyy) _____
DEP approval # (most recent) _____
DEP approval date (mm/dd/yyyy) _____
Decommission date (mm/dd/yyyy) _____

Type _____
Manufacturer _____
Model number _____
Facility's ID for this device _____
Installation date (mm/dd/yyyy) _____
DEP approval # (most recent) _____
DEP approval date (mm/dd/yyyy) _____
Decommission date (mm/dd/yyyy) _____

i. Percent overall efficiency - enter for all pollutants that the device was designed to control:

PM 10

% Overall eff. _____

% Overall eff. _____

% Overall eff. _____

PM 2.5

% Overall eff. _____

% Overall eff. _____

% Overall eff. _____

SO₂

% Overall eff. _____

% Overall eff. _____

% Overall eff. _____

CO

% Overall eff. _____

% Overall eff. _____

% Overall eff. _____

VOC

% Overall eff. _____

% Overall eff. _____

% Overall eff. _____

NO₂

% Overall eff. _____

% Overall eff. _____

% Overall eff. _____

NH₃

% Overall eff. _____

% Overall eff. _____

% Overall eff. _____

HOC

% Overall eff. _____

% Overall eff. _____

% Overall eff. _____

HYC

% Overall eff. _____

% Overall eff. _____

% Overall eff. _____

Hg

% Overall eff. _____

% Overall eff. _____

% Overall eff. _____

Pb

% Overall eff. _____

% Overall eff. _____

% Overall eff. _____

Other

% Overall eff. _____

% Overall eff. _____

% Overall eff. _____

Specify "Other" _____

Specify "Other" _____

Specify "Other" _____



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

A. Equipment Description (cont.)

2008

Year of record

3

DEP EU# (old Point #)

1191014

Facility AQ Identifier

15. Is there **monitoring equipment** on this unit or its related control devices?

How to delete
a monitor?

☐ yes – answer a through l ☒ no – skip to section B

Do not
leave blank –
if unknown
write
'unknown' or
estimate

Leave
f, g, h blank
if not
applicable.

	Monitor 1	Monitor 2	Monitor 3
a. Monitor type:	check only one: <input type="checkbox"/> CEM <input type="checkbox"/> Opacity <input type="checkbox"/> other - describe: Describe "other"	check only one: <input type="checkbox"/> CEM <input type="checkbox"/> Opacity <input type="checkbox"/> other - describe: Describe "other"	check only one: <input type="checkbox"/> CEM <input type="checkbox"/> Opacity <input type="checkbox"/> other - describe: Describe "other"
b. Manufacturer:			
c. Model number:			
d. Monitor ID #:			
e. Installation date:	Facility's Designation (mm/dd/yyyy)	Facility's Designation (mm/dd/yyyy)	Facility's Designation (mm/dd/yyyy)
f. DEP approval #:			
g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
i. Recorder ?	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
j. Audible alarm ?	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
k. Data system ?	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
l. Monitored pollutants (check all that apply):	<input type="checkbox"/> PM 10 <input type="checkbox"/> PM 2.5 <input type="checkbox"/> SO2 <input type="checkbox"/> CO <input type="checkbox"/> VOC <input type="checkbox"/> NO2 <input type="checkbox"/> NH3 <input type="checkbox"/> Mercury <input type="checkbox"/> Oxygen <input type="checkbox"/> CO2 <input type="checkbox"/> H2S <input type="checkbox"/> HCL <input type="checkbox"/> Opacity <input type="checkbox"/> other – describe: Describe "other"	<input type="checkbox"/> PM 10 <input type="checkbox"/> PM 2.5 <input type="checkbox"/> SO2 <input type="checkbox"/> CO <input type="checkbox"/> VOC <input type="checkbox"/> NO2 <input type="checkbox"/> NH3 <input type="checkbox"/> Mercury <input type="checkbox"/> Oxygen <input type="checkbox"/> CO2 <input type="checkbox"/> H2S <input type="checkbox"/> HCL <input type="checkbox"/> Opacity <input type="checkbox"/> other – describe: Describe "other"	<input type="checkbox"/> PM 10 <input type="checkbox"/> PM 2.5 <input type="checkbox"/> SO2 <input type="checkbox"/> CO <input type="checkbox"/> VOC <input type="checkbox"/> NO2 <input type="checkbox"/> NH3 <input type="checkbox"/> Mercury <input type="checkbox"/> Oxygen <input type="checkbox"/> CO2 <input type="checkbox"/> H2S <input type="checkbox"/> HCL <input type="checkbox"/> Opacity <input type="checkbox"/> other – describe: Describe "other"



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

B. Fuels and Emissions

2008

Year of record

3

DEP EU# (old Point #)

1191014

Facility AQ identifier

1. Fuel Name / Characteristics:

Number of fuels for this unit (previous records): 1

How does eDEP handle multiple fuels?

- ☐ **Add a NEW fuel:** Check the box if you need to add a fuel that you did not report on previously (eDEP will add a blank Sect. B form to your package).

When to NOT check this box ?

a. Source Classification Code (SCC) (see instructions):

b. Type of fuel – check one:

Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".

c. Sulfur content for oils and coal (0 – 2.2):

d. Ash content for oils and coal (0 -10):

Note for e:
Enter the **Maximum Fuel Rate** at which the unit can burn fuel (its absolute uncontrolled design capacity). Do not enter the normal operation rate nor any restricted (allowable) rate.

e. Maximum hourly fuel rate for all firing burners:

f. Do you have fuel or usage restrictions?

g. DEP approval number for restrictions:

h. Annual use restriction (amount or hours): For this fuel

i. Short term use restriction (amount or hours): For this fuel

2. Annual usage:

Enter "0" if not used in the year of record

NO. 2 OIL

Fuel name

1

DEP Fuel #

- ☐ **Delete this fuel:** check box if you stopped using this fuel in this unit *permanently*. You must still report for this year of record even if amount is "0" – the fuel will be removed from the unit in the next report cycle.

10200501

SC Code (call DEP if SC code will not validate)

DIST.OIL- GRADE NO.1 OR NO.2 OIL

SCC Code Description – filled by eDEP

☒ no.2 ☐ no.4 ☐ no.6

☐ diesel ☐ coal ☐ natural gas

☐ jet fuel ☐ other - describe:

Describe "other" fuel

.3

Percent by weight

0

Percent by weight

0.0010

1000 GALLONS

Amount

Units per hour

Enter "0" if unit decommissioned prior to this Year of Record.

☐ yes ☒ no - skip to question 2

Most recent for this fuel

Quantity

Units

Quantity

Units

Per: ☐ month ☐ week ☐ day ☐ hour

CAUTION: check your amount vs. units

1.6200

1000 GALLONS

a. Amount – year of record

b. Units

1

1000 GALLONS

c. Total annual usage for prior year of record – eDEP only



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

B. Fuels and Emissions (cont.)

2008

Year of record

3

DEP EU# (old Point #)

1191014

Facility AQ identifier

3. Total emissions for this fuel only in tons per year:

Calculations: The form will automatically calculate the actual and potential emissions UNLESS you check a box to manually enter emissions for each specific pollutant. Click the "?" icon for information to help you decide how to use this feature:

Part 75 Requirements

Pollutant:	<input type="checkbox"/> PM10	<input type="checkbox"/> PM2.5	<input type="checkbox"/> SO2	<input type="checkbox"/> NO2
Actual for previous year eDEP only:	0		0	0
	Tons	Tons	Tons	Tons
	0.0008	0.0002	0.0345	0.0194
Actual for year of record:				
	Tons	Tons	Tons	Tons
	0.0044	0.0011	0.1866	0.1051
Potential emissions at max capacity uncontrolled:				
	Tons	Tons	Tons	Tons
	1	0.25	142	24
Emission factor:				
	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
in pounds per unit:				
Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:				

For this fuel only

other:

Pollutant:	<input type="checkbox"/> CO	<input type="checkbox"/> VOC	<input type="checkbox"/> NH3	specify
Actual for previous year eDEP only:	0	0		
	Tons	Tons	Tons	Tons
	0.0041	0.0002	0.0006	
Actual for year of record:				
	Tons	Tons	Tons	Tons
	0.0219	0.0009	0.0035	
Potential emissions at max capacity uncontrolled:				
	Tons	Tons	Tons	Tons
	5	0.20	0.80	
Emission factor:				
	1000 GALLONS	1000 GALLONS	1000 GALLONS	
in pounds per unit:				
Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:				

For this fuel only



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

B. Fuels and Emissions (cont.)

2008

Year of record

3

DEP EU# (old Point #)

1191014

Facility AQ identifier

4. Ozone season emissions – May 1 through September 30:

0.0015

a. Typical day VOC emissions – pounds per day

☐ check to enter your own values

0.1431

b. Typical day NOx emissions – pounds per day

☐ check to enter your own values

NOTE: The form will estimate the ozone season emissions for you. However, you may enter your own values by checking the boxes above.

C. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:**

- ☐ Check here to submit attachments to this form (e.g., calculations) – add a note in the field above indicating what is attached. For eDEP on-line filers, this will create a new step on your Current Submittal Page where you can attach electronic files to your submittal. Please list attachments that **cannot** be sent electronically in the notes field above and deliver them to DEP with a paper copy of this form.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008

Year of record

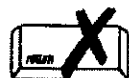
2

DEP EU# (old Point #)

1191014

Facility AQ identifier

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

BOILER #2-YORK SHIPLEY SPL200-6 7.9 MMBTU/HR

a. Facility's choice of emission unit name – edit as needed

2

b. Facility's emission unit number / code – edit as needed

2

c. DEP emissions unit # – old point #

d. ORIS ID # – for large electrical utilities only

e. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

a. Most recent approval number

b. DEP approval date (mm/dd/yyyy)

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☒ yes ☐ no

5. If exempt from Plan Approval, indicate reason why (e.g., cite a specific DEP regulation):

BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) 7 AND 15

Reason for exemption

6. Emission unit installation date and decommission date:

2/1/1964

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shutdown permanently or replaced since the last report.

7. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emission unit number and name for the unit being replaced below:

b. DEP's emission unit number and facility unit name

8. Additional state reporting requirements:

a. Are there other routine air quality reporting requirements for this emissions unit ?

☐ yes - specify reporting frequency below

☒ no – skip to question 8c

b. Reporting frequency - check all that apply:

☐ 1. Monthly ☐ 2. Quarterly ☐ 3. Semi-annual ☐ 4. Annual ☐ 5. RES

(include Operating Permit and Plan Approval reports, but not exceedance reporting)

c. Is this unit subject to (check all that apply):

☐ NESHAP

☐ NSPS

☐ MACT

How to
delete
a unit?
(click ?-icon)



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

A. Equipment Description (cont.)

2008

Year of record

2

DEP EU# (old Point #)

1191014

Facility AQ identifier

9. Equipment:

How to report
on combined
units?

a. Type: ☒ boiler ☐ furnace ☐ engine ☐ other:

If engine, is this an emergency generator? ☐ yes ☒ no

Describe "other" equipment type

YORK SHIPLEY

SPL200-6

b. Manufacturer

c. Model number

7.9000

1

d. Max input rating MMBtu/hr (enter "0" if not applicable)

e. Number of burners (enter "0" if not applicable)

f. Type of burner – check one:

☐ rotary

☐ mech. atomizer

☐ steam atomizer

☒ air atomizer

☐ traveling grate

☐ hand fired

☐ other:

"other" burner type

UNKNOWN

NBC 63103

g. Burner manufacturer

h. Burner model number

2/1/1964

i. Burner installation date (mm/dd/yyyy)

What to do
if data
unknown or
not available?

10. Hours of operation for the emission unit: a. ☐ check if continuously operated – 24 x 7 x 52

24

7

35

b. Number of hours per day

c. Number of days per week

d. Number of weeks per year

e. Percent of total annual operation that occurs in each calendar quarter:

50

10.0

10.0

30.0

Sum of Q1+Q2+Q3+Q4 must = 100%,
or 0% if the unit was not operated for any quarter

Q1

Q2

Q3

Q4

11. Ozone season operation schedule – May 1 through September 30:

24

7

9

a. Ozone season hours per day

b. Ozone season days per week

c. Weeks operated in ozone season

12. Emission release point – select one:

Engines click here for instructions:

Non-Stack Release Points:

☐ fugitive

☐ horizontal vent

☐ engine exh. ☐ downward facing vent

☐ vertical stack/vent less than 10ft

Physical Stacks:

☒ vertical stack

☐ vertical with rain cap/sleeve

If Non-Stack release point, skip to question 14.

13. Link this unit to a physical stack (if applicable) – pick from the list below:

2 1 STACK - BOILER #2-YORK-SHIPLEY

Facility's stack identifier from STACK form – to change stack name use STACK form

If the stack for this unit is not listed, save and exit this form now and complete a new Stack form before completing to this form.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

A. Equipment Description (cont.)

2008

Year of record

2

DEP EU# (old Point #)

1191014

Facility AQ identifier

14. Is there a pollution control device on this emissions unit?

☐ Check here if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to delete a control?

☐ yes – answer a through i

☒ no – skip to question 15

Do not leave blank – if unknown write 'unknown' or estimate

Leave f, g, h blank if not applicable.

Air pollution control device 1

Air pollution control device 2

Air pollution control device 3

a. Type

Type

Type

b. Manufacturer

Manufacturer

Manufacturer

c. Model number

Model number

Model number

d. Facility's ID for this device

Facility's ID for this device

Facility's ID for this device

e. Installation date (mm/dd/yyyy)

Installation date (mm/dd/yyyy)

Installation date (mm/dd/yyyy)

f. DEP approval # (most recent)

DEP approval # (most recent)

DEP approval # (most recent)

g. DEP approval date (mm/dd/yyyy)

DEP approval date (mm/dd/yyyy)

DEP approval date (mm/dd/yyyy)

h. Decommission date (mm/dd/yyyy)

Decommission date (mm/dd/yyyy)

Decommission date (mm/dd/yyyy)

i. Percent overall efficiency - enter for all pollutants that the device was designed to control:

PM 10

% Overall eff.

% Overall eff.

% Overall eff.

PM 2.5

% Overall eff.

% Overall eff.

% Overall eff.

SO₂

% Overall eff.

% Overall eff.

% Overall eff.

CO

% Overall eff.

% Overall eff.

% Overall eff.

VOC

% Overall eff.

% Overall eff.

% Overall eff.

NO₂

% Overall eff.

% Overall eff.

% Overall eff.

NH₃

% Overall eff.

% Overall eff.

% Overall eff.

HOC

% Overall eff.

% Overall eff.

% Overall eff.

HYC

% Overall eff.

% Overall eff.

% Overall eff.

Hg

% Overall eff.

% Overall eff.

% Overall eff.

Pb

% Overall eff.

% Overall eff.

% Overall eff.

Other

% Overall eff.

% Overall eff.

% Overall eff.

Specify "Other"

Specify "Other"

Specify "Other"

**Massachusetts Department of Environmental Protection**

Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

A. Equipment Description (cont.)

2008

Year of record

2

DEP EU# (old Point #)

1191014

Facility AQ identifier

15. Is there **monitoring equipment** on this unit or its related control devices?How to delete
a monitor?☐ yes – answer a through l ☒ no – skip to section BDo not
leave blank –
if unknown
write
'unknown' or
estimateLeave
f, g, h blank
if not
applicable.**Monitor 1****Monitor 2****Monitor 3**

a. Monitor type:

check only one:

☐ CEM
☐ Opacity☐ other - describe:

Describe "other"

check only one:

☐ CEM
☐ Opacity☐ other - describe:

Describe "other"

check only one:

☐ CEM
☐ Opacity☐ other - describe:

Describe "other"

b. Manufacturer:

c. Model number:

d. Monitor ID #:

e. Installation date:

f. DEP approval #:

g. DEP approval date:

h. Decommission date:

i. Recorder ?

j. Audible alarm ?

k. Data system ?

l. Monitored pollutants
(check all that apply):☐ PM 10
☐ PM 2.5
☐ SO₂
☐ CO
☐ VOC
☐ NO₂
☐ NH₃
☐ Mercury
☐ Oxygen
☐ CO₂
☐ H₂S
☐ HCL
☐ Opacity
☐ other – describe:

Describe "other"

☐ PM 10
☐ PM 2.5
☐ SO₂
☐ CO
☐ VOC
☐ NO₂
☐ NH₃
☐ Mercury
☐ Oxygen
☐ CO₂
☐ H₂S
☐ HCL
☐ Opacity
☐ other – describe:

Describe "other"

☐ PM 10
☐ PM 2.5
☐ SO₂
☐ CO
☐ VOC
☐ NO₂
☐ NH₃
☐ Mercury
☐ Oxygen
☐ CO₂
☐ H₂S
☐ HCL
☐ Opacity
☐ other – describe:

Describe "other"



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

B. Fuels and Emissions

2008

Year of record

2

DEP EU# (old Point #)

1191014

Facility AQ identifier

1. Fuel Name / Characteristics:

Number of fuels for this unit (previous records): 1

How does eDEP
handle multiple
fuels?

☐ **Add a NEW fuel:** Check the box if you need to add a fuel that you did **not** report on previously (eDEP will add a blank Sect. B form to your package).

When to NOT check this box ?

a. Source Classification Code (SCC)
(see instructions):

b. Type of fuel – check one:

Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".

c. Sulfur content for oils and coal (0 – 2.2):

d. Ash content for oils and coal (0 -10):

Note for e:
Enter the
**Maximum
Fuel Rate** at
which the
unit can burn
fuel (its
absolute
uncontrolled
design
capacity). Do
not enter the
normal
operation
rate nor any
restricted
(allowable)
rate.

e. Maximum hourly fuel rate for all firing burners:

f. Do you have fuel or usage restrictions?

g. DEP approval number for restrictions:

h. Annual use restriction (amount or hours):
For this fuel

i. Short term use restriction (amount or hours):
For this fuel

2. Annual usage:

Enter "0" if not used in the year of record

NO. 2 OIL

Fuel name

1

DEP Fuel #

☐ **Delete this fuel:** check box if you stopped using this fuel in this unit *permanently*. You must still report for this year of record even if amount is "0" – the fuel will be removed from the unit in the next report cycle.

10200501

SC Code (call DEP if SC code will not validate)

DIST.OIL- GRADE NO.1 OR NO.2 OIL

SCC Code Description – filled by eDEP

☒ no.2 ☐ no.4 ☐ no.6

☐ diesel ☐ coal ☐ natural gas

☐ jet fuel ☐ other - describe:

Describe "other" fuel

.3

Percent by weight

1

Percent by weight

0.0560

1000 GALLONS

Amount

Units per hour

Enter "0" if unit decommissioned prior to this Year of Record.

☐ yes ☒ no - skip to question 2

Most recent for this fuel

Quantity

Units

Quantity

Units

Per: ☐ month ☐ week ☐ day ☐ hour

CAUTION: check your amount vs. units

21.0000

1000 GALLONS

a. Amount – year of record

b. Units

3

1000 GALLONS

c. Total annual usage for prior year of record – eDEP only



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

B. Fuels and Emissions (cont.)

2008

Year of record

2

DEP EU# (old Point #)

1191014

Facility AQ identifier

3. Total emissions for this fuel only in tons per year:

Calculations: The form will automatically calculate the actual and potential emissions UNLESS you check a box to manually enter emissions for each specific pollutant. Click the "?" icon for information to help you decide how to use this feature:

Part 75 Requirements

Pollutant:	<input type="checkbox"/> PM10	<input type="checkbox"/> PM2.5	<input type="checkbox"/> SO2	<input type="checkbox"/> NO2
Actual for previous year eDEP only:	0		0	0
	Tons	Tons	Tons	Tons
	0.0105	0.0026	0.4473	0.2520
Actual for year of record:				
	Tons	Tons	Tons	Tons
	0.2453	0.0613	10.4489	5.8867
Potential emissions at max capacity uncontrolled:				
	Tons	Tons	Tons	Tons
	1	0.25	142	24
Emission factor:				
	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
in pounds per unit:				

For this fuel only	Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
	Short term period (or MMBtu):				
	Basis – DEP approval number or regulation:				

other:

Pollutant:	<input type="checkbox"/> CO	<input type="checkbox"/> VOC	<input type="checkbox"/> NH3	specify
Actual for previous year eDEP only:	0	0		
	Tons	Tons	Tons	Tons
	0.0525	0.0021	0.0084	
Actual for year of record:				
	Tons	Tons	Tons	Tons
	1.2264	0.0491	0.1962	
Potential emissions at max capacity uncontrolled:				
	Tons	Tons	Tons	Tons
	5	0.20	0.80	
Emission factor:				
	1000 GALLONS	1000 GALLONS	1000 GALLONS	
in pounds per unit:				

For this fuel only	Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
	Short term period (or MMBtu):				
	Basis – DEP approval number or regulation:				



Massachusetts Department of Environmental Protection

Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

B. Fuels and Emissions (cont.)

2008

Year of record

2

DEP EU# (old Point #)

1191014

Facility AQ identifier

4. Ozone season emissions – May 1 through September 30:

0.0111

a. Typical day VOC emissions – pounds per day

☐ check to enter your own values

1.3280

b. Typical day NOx emissions –pounds per day

☐ check to enter your own values

NOTE: The form will estimate the ozone season emissions for you. However, you may enter your own values by checking the boxes above.

C. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:**

- ☐ Check here to submit attachments to this form (e.g., calculations) – add a note in the field above indicating what is attached. For eDEP on-line filers, this will create a new step on your Current Submittal Page where you can attach electronic files to your submittal. Please list attachments that **cannot** be sent electronically in the notes field above and deliver them to DEP with a paper copy of this form.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008

Year of record

1

DEP EU# (old Point #)

1191014

Facility AQ identifier

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

BOILER #1-HODGE/SCOTCH 10.65 MMBTU/HR #2 OIL-0.3

a. Facility's choice of emission unit name – edit as needed

1

b. Facility's emission unit number / code – edit as needed

1

c. DEP emissions unit # – old point #

d. ORIS ID # – for large electrical utilities only

e. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

MA026149

a. Most recent approval number

3/19/2009

b. DEP approval date (mm/dd/yyyy)

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☐ yes ☒ no

5. If exempt from Plan Approval, indicate reason why (e.g., cite a specific DEP regulation):

Reason for exemption

6. Emission unit installation date and decommission date:

1/1/1991

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shutdown permanently or replaced since the last report.

7. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emission unit number and name for the unit being replaced below:

b. DEP's emission unit number and facility unit name

8. Additional state reporting requirements:

a. Are there other routine air quality reporting requirements for this emissions unit ?

☐ yes - specify reporting frequency below

☒ no – skip to question 8c

b. Reporting frequency - check all that apply:

☐ 1. Monthly ☐ 2. Quarterly ☐ 3. Semi-annual ☐ 4. Annual ☐ 5. RES

(include Operating Permit and Plan Approval reports, but not exceedance reporting)

c. Is this unit subject to (check all that apply):

☐ NESHAP

☐ NSPS

☐ MACT

How to
delete
a unit?
(click ?-icon)



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

A. Equipment Description (cont.)

2008

Year of record

1

DEP EU# (old Point #)

1191014

Facility AQ identifier

How to report
on combined
units?

What to do
if data
unknown or
not available?

9. Equipment:

a. Type: ☒ boiler ☐ furnace ☐ engine ☐ other:

If engine, is this an emergency generator? ☐ yes ☒ no Describe "other" equipment type

HODGE/SCOTCH

UNKNOWN

b. Manufacturer

10.6500

c. Model number

1

d. Max input rating MMBtu/hr (enter "0" if not applicable)

e. Number of burners (enter "0" if not applicable)

f. Type of burner – check one:

☐ rotary

☒ mech. atomizer

☐ steam atomizer

☐ air atomizer

☐ traveling grate

☐ hand fired

☐ other:

WEBSTER

"other" burner type

AE-1761120

g. Burner manufacturer

1/1/1991

h. Burner model number

i. Burner installation date (mm/dd/yyyy)

10. Hours of operation for the emission unit:

a. ☐ check if continuously operated – 24 x 7 x 52

24

7

39

b. Number of hours per day

c. Number of days per week

d. Number of weeks per year

e. Percent of total annual operation that occurs in each calendar quarter:

50.0

10.0

10.0

30.0

Sum of Q1+Q2+Q3+Q4 must = 100%.

or 0% if the unit was not operated for any quarter

Q1

Q2

Q3

Q4

11. Ozone season operation schedule – May 1 through September 30:

24

7

9

a. Ozone season hours per day

b. Ozone season days per week

c. Weeks operated in ozone season

12. Emission release point – select one:

Engines click here for instructions:

Non-Stack Release Points:

☐ fugitive

☐ horizontal vent

☐ engine exh.

☐ downward facing vent

☐ vertical stack/vent less than 10ft

Physical Stacks:

☒ vertical stack

☐ vertical with rain cap/sleeve

If Non-Stack release point, skip to question 14.

13. Link this unit to a physical stack (if applicable) – pick from the list below:

1 1 STACK - BOILER #1-HODGE/SCOTCH

Facility's stack identifier from STACK form – to change stack name use STACK form

If the stack for this unit is not listed, save and exit this form now and complete a new Stack form before completing to this form.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

A. Equipment Description (cont.)

2008

Year of record

1

DEP EU# (old Point #)

1191014

Facility AQ identifier

14. Is there a pollution control device on this emissions unit?

☐ Check here if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to delete a control?

☐ yes – answer a through i ☒ no – skip to question 15

Do not leave blank – if unknown write 'unknown' or estimate

Leave f, g, h blank if not applicable.

Air pollution control device 1

Air pollution control device 2

Air pollution control device 3

a. Type

Type

Type

b. Manufacturer

Manufacturer

Manufacturer

c. Model number

Model number

Model number

d. Facility's ID for this device

Facility's ID for this device

Facility's ID for this device

e. Installation date (mm/dd/yyyy)

Installation date (mm/dd/yyyy)

Installation date (mm/dd/yyyy)

XXXXXXX

XXXXXXX

XXXXXXX

f. DEP approval # (most recent)

DEP approval # (most recent)

DEP approval # (most recent)

1/1/2001

1/1/2001

1/1/2001

g. DEP approval date (mm/dd/yyyy)

DEP approval date (mm/dd/yyyy)

DEP approval date (mm/dd/yyyy)

h. Decommission date (mm/dd/yyyy)

Decommission date (mm/dd/yyyy)

Decommission date (mm/dd/yyyy)

i. Percent overall efficiency - enter for all pollutants that the device was designed to control:

PM 10

% Overall eff.

% Overall eff.

% Overall eff.

PM 2.5

% Overall eff.

% Overall eff.

% Overall eff.

SO₂

% Overall eff.

% Overall eff.

% Overall eff.

CO

% Overall eff.

% Overall eff.

% Overall eff.

VOC

% Overall eff.

% Overall eff.

% Overall eff.

NO₂

% Overall eff.

% Overall eff.

% Overall eff.

NH₃

% Overall eff.

% Overall eff.

% Overall eff.

HOC

% Overall eff.

% Overall eff.

% Overall eff.

HYC

% Overall eff.

% Overall eff.

% Overall eff.

Hg

% Overall eff.

% Overall eff.

% Overall eff.

Pb

% Overall eff.

% Overall eff.

% Overall eff.

Other

% Overall eff.

% Overall eff.

% Overall eff.

Specify "Other"

Specify "Other"

Specify "Other"



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

A. Equipment Description (cont.)

2008

Year of record

1

DEP EU# (old Point #)

1191014

Facility AQ identifier

15. Is there **monitoring equipment** on this unit or its related control devices?

How to delete
a monitor?

☐ yes – answer a through l ☒ no – skip to section B

Do not
leave blank –
if unknown
write
'unknown' or
estimate

Leave
f, g, h blank
if not
applicable.

Monitor 1

Monitor 2

Monitor 3

a. Monitor type:

check only one:

- ☐ CEM
☐ Opacity
☐ other - describe:

check only one:

- ☐ CEM
☐ Opacity
☐ other - describe:

check only one:

- ☐ CEM
☐ Opacity
☐ other - describe:

b. Manufacturer:

Describe "other"

Describe "other"

Describe "other"

c. Model number:

d. Monitor ID #:

e. Installation date:

Facility's Designation

Facility's Designation

Facility's Designation

f. DEP approval #:

(mm/dd/yyyy)

(mm/dd/yyyy)

(mm/dd/yyyy)

g. DEP approval date:

(mm/dd/yyyy)

(mm/dd/yyyy)

(mm/dd/yyyy)

h. Decommission date:

(mm/dd/yyyy)

(mm/dd/yyyy)

(mm/dd/yyyy)

i. Recorder ?

☐ yes ☐ no

☐ yes ☐ no

☐ yes ☐ no

j. Audible alarm ?

☐ yes ☐ no

☐ yes ☐ no

☐ yes ☐ no

k. Data system ?

☐ yes ☐ no

☐ yes ☐ no

☐ yes ☐ no

l. Monitored pollutants
(check all that apply):

- ☐ PM 10
☐ PM 2.5
☐ SO₂
☐ CO
☐ VOC
☐ NO₂
☐ NH₃
☐ Mercury
☐ Oxygen
☐ CO₂
☐ H₂S
☐ HCL
☐ Opacity
☐ other – describe:

- ☐ PM 10
☐ PM 2.5
☐ SO₂
☐ CO
☐ VOC
☐ NO₂
☐ NH₃
☐ Mercury
☐ Oxygen
☐ CO₂
☐ H₂S
☐ HCL
☐ Opacity
☐ other – describe:

- ☐ PM 10
☐ PM 2.5
☐ SO₂
☐ CO
☐ VOC
☐ NO₂
☐ NH₃
☐ Mercury
☐ Oxygen
☐ CO₂
☐ H₂S
☐ HCL
☐ Opacity
☐ other – describe:

Describe "other"

Describe "other"

Describe "other"



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

B. Fuels and Emissions

2008

Year of record

1

DEP EU# (old Point #)

1191014

Facility AQ identifier

1. Fuel Name / Characteristics:

Number of fuels for this unit (previous records): 1

How does eDEP
handle multiple
fuels?

☐ **Add a NEW fuel:** Check the box if you need to add a fuel that you did **not** report on previously (eDEP will add a blank Sect. B form to your package).

When to NOT check this box ?

a. Source Classification Code (SCC)
(see instructions):

b. Type of fuel – check one:

Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".

c. Sulfur content for oils and coal (0 – 2.2):

d. Ash content for oils and coal (0 -10):

Note for e:
Enter the
**Maximum
Fuel Rate** at
which the
unit can burn
fuel (its
absolute
uncontrolled
design
capacity). Do
not enter the
normal
operation
rate nor any
restricted
(allowable)
rate.

e. Maximum hourly fuel rate for all firing burners:

f. Do you have fuel or usage restrictions?

g. DEP approval number for restrictions:

h. Annual use restriction (amount or hours):
For this fuel

i. Short term use restriction (amount or hours):
For this fuel

2. Annual usage:

Enter "0" if not used in the year of record

NO. 2 OIL

Fuel name

1

DEP Fuel #

☐ **Delete this fuel:** check box if you stopped using this fuel in this unit *permanently*. You must still report for this year of record even if amount is "0" – the fuel will be removed from the unit in the next report cycle.

10200501

SC Code (call DEP if SC code will not validate)

DIST.OIL- GRADE NO.1 OR NO.2 OIL

SCC Code Description – filled by eDEP

☒ no.2 ☐ no.4 ☐ no.6

☐ diesel ☐ coal ☐ natural gas

☐ jet fuel ☐ other - describe:

Describe "other" fuel

0.3000

Percent by weight

0

Percent by weight

0.0750

1000 GALLONS

Amount

Units per hour

Enter "0" if unit decommissioned prior to this Year of Record.

☐ yes ☒ no - skip to question 2

Most recent for this fuel

Quantity

Units

Quantity

Units

Per: ☐ month ☐ week ☐ day ☐ hour

CAUTION: check your amount vs. units

84.2600

1000 GALLONS

a. Amount – year of record

b. Units

24

1000 GALLONS

c. Total annual usage for prior year of record – eDEP only



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

B. Fuels and Emissions (cont.)

2008

Year of record

1

DEP EU# (old Point #)

1191014

Facility AQ identifier

3. Total emissions for this fuel only in tons per year:

Calculations: The form will automatically calculate the actual and potential emissions UNLESS you check a box to manually enter emissions for each specific pollutant. Click the "?" icon for information to help you decide how to use this feature:

Part 75 Requirements

Pollutant:	<input type="checkbox"/> PM10	<input type="checkbox"/> PM2.5	<input type="checkbox"/> SO2	<input type="checkbox"/> NO2
Actual for previous year eDEP only:	0		1	0
	Tons	Tons	Tons	Tons
	0.0421	0.0105	1.7947	1.0111
Actual for year of record:				
	Tons	Tons	Tons	Tons
	0.3285	0.0821	13.9941	7.8840
Potential emissions at max capacity uncontrolled:				
	Tons	Tons	Tons	Tons
	1	0.25	142	24
Emission factor:				
	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
in pounds per unit:				
For this fuel only	Maximum allowed emissions – annual:	Tons	Tons	Tons
	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds
	Short term period (or MMBtu):			
	Basis – DEP approval number or regulation:	MA026149	MA026149	MA026149

Pollutant:	<input type="checkbox"/> CO	<input type="checkbox"/> VOC	<input type="checkbox"/> NH3	other: specify
Actual for previous year eDEP only:	0	0		
	Tons	Tons	Tons	Tons
	0.2107	0.0084	0.0337	
Actual for year of record:				
	Tons	Tons	Tons	Tons
	1.6425	0.0657	0.2628	
Potential emissions at max capacity uncontrolled:				
	Tons	Tons	Tons	Tons
	5	0.20	0.80	
Emission factor:				
	1000 GALLONS	1000 GALLONS	1000 GALLONS	
in pounds per unit:				
For this fuel only	Maximum allowed emissions – annual:	Tons	Tons	Tons
	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds
	Short term period (or MMBtu):			
	Basis – DEP approval number or regulation:	MA026149	MA026149	MA026149



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

B. Fuels and Emissions (cont.)

2008

Year of record

1

DEP EU# (old Point #)

1191014

Facility AQ identifier

4. Ozone season emissions – May 1 through September 30:

0.0443

a. Typical day VOC emissions – pounds per day

☐ check to enter your own values

5.3283

b. Typical day NOx emissions – pounds per day

☐ check to enter your own values

NOTE: The form will estimate the ozone season emissions for you. However, you may enter your own values by checking the boxes above.

C. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:**

- ☐ Check here to submit attachments to this form (e.g., calculations) – add a note in the field above indicating what is attached. For eDEP on-line filers, this will create a new step on your Current Submittal Page where you can attach electronic files to your submittal. Please list attachments that **cannot** be sent electronically in the notes field above and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

17

DEP EU# (old Point #)

1191014

Facility AQ identifier

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Emission Unit – Process Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

LOADING #2-BARGES DISTILLATES

a. Facility's choice of emission unit name – edit as needed

17

b. Facility's emission unit number / code – edit as needed

17

c. DEP emissions unit # (old SSEIS Point #)

d. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

a. Most recent approval number

b. DEP approval date (mm/dd/yyyy)

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☒ yes ☐ no

5. If exempt from Plan Approval, indicate reason why (e.g., cite a specific DEP regulation):

BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B)

Reason for exemption

6. Equipment manufacturer and model number and type:

NOT APPLICABLE

a. Manufacturer

NOT APPLICABLE

c. Equipment Type

UNKNOWN

b. Model number

7. Emission unit installation and decommission dates:

1/1/1991

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to report on combined units ?

How to delete a unit ?
(click ?-icon)

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

17

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Emission Unit – Process Description (cont.)

8. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP' s emissions unit number for the unit being replaced below:

DEP' s emission unit number and facility unit name

9. Additional state reporting requirements:

a. Are there other routine air quality reporting requirements for this emissions unit ?

☐ yes – specify reporting frequency below

☒ no – skip to question 9c

b. Reporting frequency – check all that apply:

☐ Monthly

☐ Quarterly

☐ Semi-annual

☐ Annual

☐ RES

(include Operating Permit and Plan Approval reports, but not exceedance reporting)

c. Is this unit subject to (check all that apply):

☐ NESHAP

☐ NSPS

☐ MACT

10. Hours of operation for the emission unit:

a. ☐ check if continuously operated – 24 x 7 x 52

24

7

52

b. Number of hours per day

c. Number of days per week

d. Number of weeks per year

e. Percent of total annual operation that occurs in each calendar quarter:

25.0
Q1

25.0
Q2

25.0
Q3

25.0
Q4

Sum of Q1+Q2+Q3+Q4 must = 100%
(or 0% if the unit was not operated for any quarter)

11. Ozone season schedule – May 1 through September 30:

24

7

22

a. Ozone season hours per day

b. Ozone season days per week

c. Weeks operated in ozone season

12. Emission release point – select one:

Non-Stack Release Points:

☒ fugitive

☐ horizontal vent

☐ gooseneck

☐ downward facing vent

☐ vertical stack/vent less than 10ft

Physical Stacks:

☐ vertical stack

☐ vertical with rain cap/sleeve

If Non-Stack release point, skip to question 14.

13. Link this unit to a physical stack (if applicable) – pick from the list below:

Facility' s stack identifier from STACK form- to change stack name use the STACK form

If the stack for this unit is not listed, save and exit this form now and complete a new Stack form before completing this form.

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

17

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Emission Unit – Process Description (cont.)

14. Is there **monitoring equipment** on this emissions unit or its related control devices ?

☐ yes – answer a through l

☒ no – skip to Question 15

How to delete a monitor

Do not leave blank – if unknown write 'unknown' or estimate

Leave f, g, h blank if not applicable.

a. Monitor type:

Monitor 1

check only one:

- ☐ CEMs
☐ opacity
☐ fuel flow meter
☐ time recorder
☐ temperature recorder
☐ pressure
☐ other – describe:

Describe "other"

Monitor 2

check only one:

- ☐ CEMs
☐ opacity
☐ fuel flow meter
☐ time recorder
☐ temperature recorder
☐ pressure
☐ other – describe:

Describe "other"

Monitor 3

check only one:

- ☐ CEMs
☐ opacity
☐ fuel flow meter
☐ time recorder
☐ temperature recorder
☐ pressure
☐ other – describe:

Describe "other"

b. Manufacturer:

c. Model #:

d. Monitor ID #:

e. Installation date:

f. DEP approval #:

g. DEP approval date:

h. Decommission date:

i. Recorder ?

j. Audible alarm ?

k. Data system ?

l. Monitored pollutants -
check all that apply:

- ☐ PM 10
☐ PM 2.5
☐ SO2
☐ CO
☐ VOC
☐ NO2
☐ NH3
☐ Mercury
☐ Oxygen
☐ CO2
☐ H2S
☐ HCL
☐ Opacity
☐ other – describe:

Describe "other"

- ☐ PM 10
☐ PM 2.5
☐ SO2
☐ CO
☐ VOC
☐ NO2
☐ NH3
☐ Mercury
☐ Oxygen
☐ CO2
☐ H2S
☐ HCL
☐ Opacity
☐ other – describe:

Describe "other"

- ☐ PM 10
☐ PM 2.5
☐ SO2
☐ CO
☐ VOC
☐ NO2
☐ NH3
☐ Mercury
☐ Oxygen
☐ CO2
☐ H2S
☐ HCL
☐ Opacity
☐ other – describe:

Describe "other"

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

17

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Emission Unit – Process Description (cont.)

15. Are there air pollution control devices on this emissions unit?

☐ yes – answer a through i

☒ no – skip to Section B

☐ Check here if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to delete
a control

Do not
leave blank –
if unknown
write
'unknown'
or
estimate

Leave f, g, h
blank if not
applicable.

Air pollution control device 1

a. Type

b. Manufacturer

c. Model number

d. Facility's ID for this device

e. Installation date (mm/dd/yyyy)

f. DEP approval # (most recent)

g. DEP approval date (mm/dd/yyyy)

h. Decommission date (mm/dd/yyyy)

Air pollution control device 2

Type

Manufacturer

Model number

Facility's ID for this device

Installation date (mm/dd/yyyy)

DEP approval # (most recent)

DEP approval date (mm/dd/yyyy)

Decommission date (mm/dd/yyyy)

Air pollution control device 3

Type

Manufacturer

Model number

Facility's ID for this device

Installation date (mm/dd/yyyy)

DEP approval # (most recent)

DEP approval date (mm/dd/yyyy)

Decommission date (mm/dd/yyyy)

i. Percent overall efficiency – enter for all pollutants that the device was designed to control:

PM 10

% Overall eff.

% Overall eff.

% Overall eff.

PM 2.5

% Overall eff.

% Overall eff.

% Overall eff.

SO₂

% Overall eff.

% Overall eff.

% Overall eff.

CO

% Overall eff.

% Overall eff.

% Overall eff.

VOC

% Overall eff.

% Overall eff.

% Overall eff.

NO₂

% Overall eff.

% Overall eff.

% Overall eff.

NH₃

% Overall eff.

% Overall eff.

% Overall eff.

HOC

% Overall eff.

% Overall eff.

% Overall eff.

HYC

% Overall eff.

% Overall eff.

% Overall eff.

Hg

% Overall eff.

% Overall eff.

% Overall eff.

Pb

% Overall eff.

% Overall eff.

% Overall eff.

Other

% Overall eff.

% Overall eff.

% Overall eff.

Specify " Other"

Specify " Other"

Specify " Other"

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

17

DEP EU# (old Point #)

1191014

Facility AQ identifier

B. Emissions for Raw Materials/Finished Products

☐ **Add a NEW material / product:** Check the box if you need to add a material or product that you did not report on previously (eDEP will add a blank Sect. B form to your package).

☐ **Delete this material/product:** check the box if you stopped using this material or making this product in this unit *permanently*. You must still report data for this year of record even if amount is "0" – the material / product will be removed from the unit in the next report cycle.

1. Operation description:

a. Raw material or finished product name:

Number of segments for this unit (previous records): 1

b. Is material/product an input or output ?

c. Process description:

d. Source Classification Code (SCC):
(see instructions)

e. Maximum process rate for material/product:

f. If organic material, give weight % of:

g. Total actual raw material used or finished product produced for year of record:

Enter "0" if not used in the year of record

h. Do you have raw material or finished product restrictions?

i. DEP approval number for restrictions:

j. Short term raw material/finished product restriction – if none, leave blank:

k. Annual material/product restriction
– if none, leave blank:

l. Indicate which air pollution control devices from Section A, Question 15 control this material/product by listing the facility-designated control device ID # for each unit that applies:

How to make a new air pollution control device appear in these drop menus?

NO. 2 LOADING FROM BARGES

☒ input ☐ output 1
DEP #

LOADING NO. 2-BARGES
DISTILLATES

40600251

SC Code (call DEP if SC Code will not validate)

PETROLEUM MARKING DIST OIL TANKER

SCC Description – filled by eDEP upon validation

0.0000

Amount

GALLONS

Units per hour

VOC

HOC

HYC

0.0000

Amount

1000 GALLONS

Units

11

Prior year – eDEP only

1000 GALLONS

Units prior year

☐ yes ☒ no – skip to question 1.i

Most recent approval number for this material or product

Quantity (amount or hours) Units

Per: ☐ month ☐ week ☐ day ☐ hour

Quantity (amount or hours) Units

Device ID #

Device ID #

Device ID #

Device ID #

Device ID #

Device ID #

☐ check here if ALL air pollution control devices on the unit apply to this material/product

How does eDEP handle multiple raw materials or finished products ?

Note:
Definition of Maximum process rate

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

17

DEP EU# (old Point #)

1191014

Facility AQ identifier

B. Emissions for Raw Materials/Finished Products (cont.)

2. Total emissions for this material/product – tons per year:

Important:
Leaving blanks for Actual and Potential emissions means that you are certifying that there were less than 0.0001 (or zero) tons of emissions for each blank.

Pollutant	PM10	PM2.5	SO2	NO2	CO
Actual for previous year eDEP only:	0 Tons	Tons	0 Tons	0 Tons	0 Tons
Actual for year of record:	Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
Emission factor:	0		0	0	0
In pounds per unit:	1000 GALLONS		1000 GALLONS	1000 GALLONS	1000 GALLONS

For this material or
product only
(leave blank if none)

Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:					

Important:
Reporting now
required for
t-Butyl Acetate

Pollutant	VOC	HOC	*Reserved*	NH3	Other: specify
Actual for previous year eDEP only:	0 Tons	Tons	Tons	Tons	Tons
Actual for year of record:	Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	Tons 0.0120	Tons	Tons	Tons	Tons
Emission factor:					
In pounds per unit:	1000 GALLONS				

For this material or
product only
(leave blank if none)

Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis - DEP approval number or regulation:					

check to enter your own values

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

17

DEP EU# (old Point #)

1191014

Facility AQ identifier

3. Ozone season emissions – May 1 through September 30:

0

a. Typical ozone day VOC emissions – pounds per day

☐

check to enter your own values

0

b. Typical ozone day NOx emissions – pounds per day

☐

check to enter your own values

NOTE: The form has estimated the emissions for you. However, you may enter your own values by checking the boxes above for VOC and NOx.

C. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:**

- ☐ Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments below and deliver them to DEP with a paper copy of this form.

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

16

DEP EU# (old Point #)

1191014

Facility AQ identifier

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Emission Unit – Process Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

TRUCK LOADING RACK DISTILLATES

a. Facility's choice of emission unit name – edit as needed

16

b. Facility's emission unit number / code – edit as needed

16

c. DEP emissions unit # (old SSEIS Point #)

d. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

a. Most recent approval number

b. DEP approval date (mm/dd/yyyy)

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☒ yes ☐ no

5. If exempt from Plan Approval, indicate reason why (e.g., cite a specific DEP regulation):

BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B)

Reason for exemption

6. Equipment manufacturer and model number and type:

CUSTOM

a. Manufacturer

LOADING RACK

c. Equipment Type

CUSTOM

b. Model number

How to report on combined units ?

How to delete a unit ?
(click ?-icon)

7. Emission unit installation and decommission dates:

1/1/1950

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

16

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Emission Unit – Process Description (cont.)

8. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP' s emissions unit number for the unit being replaced below:

DEP' s emission unit number and facility unit name

9. Additional state reporting requirements:

a. Are there other routine air quality reporting requirements for this emissions unit ?

☐ yes – specify reporting frequency below

☒ no – skip to question 9c

b. Reporting frequency – check all that apply:

☐ Monthly

☐ Quarterly

☐ Semi-annual

☐ Annual

☐ RES

(include Operating Permit and Plan Approval reports, but not exceedance reporting)

c. Is this unit subject to (check all that apply):

☐ NESHAP

☐ NSPS

☐ MACT

10. Hours of operation for the emission unit:

a. ☐ check if continuously operated – 24 x 7 x 52

24

7

52

b. Number of hours per day

c. Number of days per week

d. Number of weeks per year

e. Percent of total annual operation that occurs in each calendar quarter:

25

25

25

25

Sum of Q1+Q2+Q3+Q4 must = 100%
(or 0% if the unit was not operated for any quarter)

Q1

Q2

Q3

Q4

11. Ozone season schedule – May 1 through September 30:

24

7

22

a. Ozone season hours per day

b. Ozone season days per week

c. Weeks operated in ozone season

12. Emission release point – select one:

Non-Stack Release Points:

☒ fugitive

☐ horizontal vent

☐ gooseneck

☐ downward facing vent

☐ vertical stack/vent less than 10ft

Physical Stacks:

☐ vertical stack

☐ vertical with rain cap/sleeve

If Non-Stack release point, skip to question 14.

13. Link this unit to a physical stack (if applicable) – pick from the list below:

Facility' s stack identifier from STACK form- to change stack name use the STACK form

If the stack for this unit is not listed, save and exit this form now and complete a new Stack form before completing this form.

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

16

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Emission Unit – Process Description (cont.)

14. Is there **monitoring equipment** on this emissions unit or its related control devices ?

☐ yes – answer a through l ☒ no – skip to Question 15

How to delete a monitor

Do not leave blank – if unknown write 'unknown' or estimate

Leave f, g, h blank if not applicable.

a. Monitor type:

Monitor 1

check only one:

- ☐ CEMs
☐ opacity
☐ fuel flow meter
☐ time recorder
☐ temperature recorder
☐ pressure
☐ other – describe:

Describe "other"

Monitor 2

check only one:

- ☐ CEMs
☐ opacity
☐ fuel flow meter
☐ time recorder
☐ temperature recorder
☐ pressure
☐ other – describe:

Describe "other"

Monitor 3

check only one:

- ☐ CEMs
☐ opacity
☐ fuel flow meter
☐ time recorder
☐ temperature recorder
☐ pressure
☐ other – describe:

Describe "other"

b. Manufacturer:

c. Model #:

d. Monitor ID #:

e. Installation date:

f. DEP approval #:

g. DEP approval date:

h. Decommission date:

i. Recorder ?

j. Audible alarm ?

k. Data system ?

l. Monitored pollutants -
check all that apply:

- ☐ PM 10
☐ PM 2.5
☐ SO₂
☐ CO
☐ VOC
☐ NO₂
☐ NH₃
☐ Mercury
☐ Oxygen
☐ CO₂
☐ H₂S
☐ HCL
☐ Opacity
☐ other – describe:

Describe "other"

- ☐ PM 10
☐ PM 2.5
☐ SO₂
☐ CO
☐ VOC
☐ NO₂
☐ NH₃
☐ Mercury
☐ Oxygen
☐ CO₂
☐ H₂S
☐ HCL
☐ Opacity
☐ other – describe:

Describe "other"

- ☐ PM 10
☐ PM 2.5
☐ SO₂
☐ CO
☐ VOC
☐ NO₂
☐ NH₃
☐ Mercury
☐ Oxygen
☐ CO₂
☐ H₂S
☐ HCL
☐ Opacity
☐ other – describe:

Describe "other"

BWP AQ AP-2

Emission Unit – Process Description

A. Emission Unit – Process Description (cont.)

15. Are there air pollution control devices on this emissions unit?

☐ Check here if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to delete a control

☐ yes – answer a through i

☒ no – skip to Section B

Do not leave blank – if unknown write 'unknown' or estimate

Leave f, g, h blank if not applicable.

Air pollution control device 1

a. Type

b. Manufacturer

c. Model number

d. Facility's ID for this device

e. Installation date (mm/dd/yyyy)

f. DEP approval # (most recent)

g. DEP approval date (mm/dd/yyyy)

h. Decommission date (mm/dd/yyyy)

Air pollution control device 2

Type

Manufacturer

Model number

Facility's ID for this device

Installation date (mm/dd/yyyy)

DEP approval # (most recent)

DEP approval date (mm/dd/yyyy)

Decommission date (mm/dd/yyyy)

Air pollution control device 3

Type

Manufacturer

Model number

Facility's ID for this device

Installation date (mm/dd/yyyy)

DEP approval # (most recent)

DEP approval date (mm/dd/yyyy)

Decommission date (mm/dd/yyyy)

i. Percent overall efficiency – enter for all pollutants that the device was designed to control:

PM 10

% Overall eff.

% Overall eff.

% Overall eff.

PM 2.5

% Overall eff.

% Overall eff.

% Overall eff.

SO₂

% Overall eff.

% Overall eff.

% Overall eff.

CO

% Overall eff.

% Overall eff.

% Overall eff.

VOC

% Overall eff.

% Overall eff.

% Overall eff.

NO₂

% Overall eff.

% Overall eff.

% Overall eff.

NH₃

% Overall eff.

% Overall eff.

% Overall eff.

HOC

% Overall eff.

% Overall eff.

% Overall eff.

HYC

% Overall eff.

% Overall eff.

% Overall eff.

Hg

% Overall eff.

% Overall eff.

% Overall eff.

Pb

% Overall eff.

% Overall eff.

% Overall eff.

Other

% Overall eff.

% Overall eff.

% Overall eff.

Specify "Other"

Specify "Other"

Specify "Other"

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

16

DEP EU# (old Point #)

1191014

Facility AQ identifier

B. Emissions for Raw Materials/Finished Products

☐ **Add a NEW material / product:** Check the box if you need to add a material or product that you did **not** report on previously (eDEP will add a blank Sect. B form to your package).

☐ **Delete this material/product:** check the box if you stopped using this material or making this product in this unit *permanently*. You must still report data for this year of record even if amount is " 0" – the material / product will be removed from the unit in the next report cycle.

1. Operation description:

a. Raw material or finished product name:

Number of segments for this unit (previous records): 1

b. Is material/product an input or output ?

c. Process description:

d. Source Classification Code (SCC):
(see instructions)

e. Maximum process rate for material/product:

f. If organic material, give weight % of:

g. Total actual raw material used or finished product produced for year of record:

Enter " 0" if not used in the year of record

h. Do you have raw material or finished product restrictions?

i. DEP approval number for restrictions:

j. Short term raw material/finished product restriction – if none, leave blank:

k. Annual material/product restriction
– if none, leave blank:

l. Indicate which air pollution control devices from Section A, Question 15 control this material/product by listing the facility-designated control device ID # for each unit that applies:

How to make a new air pollution control device appear in these drop menus?

LOADING RACK FOR FUEL TRUCKS

☒ input ☐ output

1

DEP #

LOADING #1-TRUCKS
DISTILLATES

40600161

SC Code (call DEP if SC Code will not validate)

PETROLEUM MARKTING DIST OIL-SUBMERG

SCC Description – filled by eDEP upon validation

10.4350

1000 GALLONS

Amount

Units per hour

VOC

HOC

HYC

73248.0000

1000 GALLONS

Amount

Units

36

1000 GALLONS

Prior year – eDEP only

Units prior year

☐ yes ☒ no – skip to question 1.i

Most recent approval number for this material or product

Quantity (amount or hours)

Units

Per: ☐ month ☐ week ☐ day ☐ hour

Quantity (amount or hours)

Units

Device ID #

Device ID #

Device ID #

Device ID #

Device ID #

Device ID #

☐ check here if ALL air pollution control devices on the unit apply to this material/product

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

16

DEP EU# (old Point #)

1191014

Facility AQ identifier

B. Emissions for Raw Materials/Finished Products (cont.)

2. Total emissions for this material/product – tons per year:

Important:
Leaving blanks for Actual and Potential emissions means that you are certifying that there were less than 0.0001 (or zero) tons of emissions for each blank.

Pollutant	PM10	PM2.5	SO2	NO2	CO
Actual for previous year eDEP only:	0.0000 Tons	Tons	0 Tons	0 Tons	0 Tons
Actual for year of record:	Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	Tons 0.000000	Tons	Tons 0.000000	Tons 0.000000	Tons 0.000000
Emission factor:					
In pounds per unit::	1000 GALLONS		1000 GALLONS	1000 GALLONS	1000 GALLONS

For this material or
product only
(leave blank if none)

Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:					

Other:

Important:
Reporting now
required for
t-Butyl Acetate

Pollutant	VOC	HOC	*Reserved*	NH3	Other: specify
Actual for previous year eDEP only:	0 Tons	Tons	Tons	Tons	Tons
Actual for year of record:	4.2500 Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	9.6000 Tons	Tons	Tons	Tons	Tons
Emission factor:	0.772000				
In pounds per unit:	1000 GALLONS				

For this material or
product only
(leave blank if none)

Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis - DEP approval number or regulation:					

check to enter your own values

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2008

Year of record

16

DEP EU# (old Point #)

1191014

Facility AQ identifier

3. Ozone season emissions – May 1 through September 30:

22.9058

a. Typical ozone day VOC emissions – pounds per day

☐ check to enter your own values

0

b. Typical ozone day NOx emissions – pounds per day

☐ check to enter your own values

NOTE: The form has estimated the emissions for you. However, you may enter your own values by checking the boxes above for VOC and NOx.

C. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:**

- ☐ Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments below and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

9

DEP EU# (old Point #)

1191014

Facility AQ Identifier

Complete one AP-4 for EACH organic material storage tank.

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units ?

How to delete a unit ?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK #6-2,262,000 GAL

a. Facility's choice of emission unit name – edit as needed

9

9

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1940

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

43

97

2262000

c. Height / Length – feet

d. Diameter – feet

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

9

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

JP-5 JET FUEL

a. Name of material

40301021

b. CAS number if single chemical

c. SC Code for standing / breathing loss

PETROLEUM STORAGE DIST FUEL NO.2

0.250

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

60

2071328.0000

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

8

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to
combine
units ?

How to delete
a unit ?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK #5-493,000 GAL

a. Facility's choice of emission unit name – edit as needed

8

8

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1932

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

35

49

493000

c. Height / Length – feet

d. Diameter – feet

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

8

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NO. 2 DIESEL

a. Name of material

68476302

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

d. SC Code description – filled by eDEP

60

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

40301021

c. SC Code for standing / breathing loss

0.200

e. Vapor pressure in PSI at 25° C

1561803.0000

g. Annual throughput in gallons (enter 0 if not used)

i. Total oxygen percent – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

d. SC Code description – filled by eDEP

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

c. SC Code for standing / breathing loss

e. Vapor pressure in PSI at 25° C

g. Annual throughput in gallons

i. Total oxygen percent – gasoline only

B. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

Click "?" icon
for SC Code
help

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

7

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units ?

How to delete a unit ?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK #4-493,000 GAL

a. Facility's choice of emission unit name – edit as needed

7

7

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1932

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

35

49

493000

c. Height / Length – feet

d. Diameter – feet

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

7

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

JP-5 JET FUEL

a. Name of material

40301021

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

c. SC Code for standing / breathing loss

5.000

d. SC Code description – filled by eDEP

60

e. Vapor pressure in PSI at 25° C

460295.0000

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

Click "?" icon
for SC Code
help

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

6

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to
combine
units ?

How to delete
a unit ?

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK #3-203,994 GAL

a. Facility's choice of emission unit name – edit as needed

6

6

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1932

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

30

36

203994

c. Height / Length – feet

d. Diameter – feet

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

6

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

TEMPORARILY OUT OF SERVICE

a. Name of material

40301021

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

0.0000

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

5

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK #2-203,532 GAL

a. Facility's choice of emission unit name – edit as needed

5

5

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1932

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

29

c. Height / Length – feet

35

d. Diameter – feet

203532

e. Capacity – gallons

6. Construction: ☐ steel weld ☐ other weld ☒ rivet ☐ fiberglass ☐ gunite

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units ?

How to delete a unit ?

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

5

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

TEMPORARILY OUT OF SERVICE

a. Name of material

40301021

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

0.0000

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

1. **Notes:** please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

4

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units?

How to delete a unit?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK #1-203,826 GAL

a. Facility's choice of emission unit name – edit as needed

4

4

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1932

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

29

35

203826

c. Height / Length – feet

d. Diameter – feet

e. Capacity – gallons

6. Construction: ☐ steel weld ☐ other weld ☒ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

4

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

TEMPORARILY OUT OF SERVICE

a. Name of material

40301021

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

0.0000

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons (enter 0 if not used)

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

c. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

15

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units?

How to delete a unit?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK #12-3,480,000 GAL

a. Facility's choice of emission unit name – edit as needed

15

b. Facility's emission unit number / code – edit as needed

15

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1950

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

45

c. Height / Length – feet

115

d. Diameter – feet

3480000

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

15

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NO. 2 FUEL OIL

a. Name of material

68476302

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

d. SC Code description – filled by eDEP

60

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

40301021

c. SC Code for standing / breathing loss

0.200

e. Vapor pressure in PSI at 25° C

9735656.0000

g. Annual throughput in gallons (enter 0 if not used)

i. Total oxygen percent – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

d. SC Code description – filled by eDEP

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

c. SC Code for standing / breathing loss

e. Vapor pressure in PSI at 25° C

g. Annual throughput in gallons

i. Total oxygen percent – gasoline only

B. Notes and Attachments

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Click "?" icon
for SC Code
help

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

14

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units ?

How to delete a unit ?

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK #11-3,480,000 GAL

a. Facility's choice of emission unit name – edit as needed

14

b. Facility's emission unit number / code – edit as needed

14

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1950

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

45

c. Height / Length – feet

115

d. Diameter – feet

3480000

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

14

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NO. 6 FUEL OIL

a. Name of material

68476335

b. CAS number if single chemical

PETROLEUM STORAGE CRUDE OIL-RVP 5

d. SC Code description – filled by eDEP

110

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

40301012

c. SC Code for standing / breathing loss

0.100

e. Vapor pressure in PSI at 25° C

8277737.0000

g. Annual throughput in gallons (enter 0 if not used)

i. Total oxygen percent – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

d. SC Code description – filled by eDEP

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

c. SC Code for standing / breathing loss

e. Vapor pressure in PSI at 25° C

g. Annual throughput in gallons

i. Total oxygen percent – gasoline only

B. Notes and Attachments

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BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

13

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units ?

How to delete a unit ?

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK #10-4,012,000 GAL

a. Facility's choice of emission unit name – edit as needed

13

13

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1945

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

48

120

4012000

c. Height / Length – feet

d. Diameter – feet

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

13

DEP EU# (old Point #)

1191014

Facility AQ Identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NO. 2 FUEL OIL

a. Name of material

68476302

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

d. SC Code description – filled by eDEP

60

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

40301021

c. SC Code for standing / breathing loss

0.200

e. Vapor pressure in PSI at 25° C

11682788.0000

g. Annual throughput in gallons (enter 0 if not used)

i. Total oxygen percent – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

d. SC Code description – filled by eDEP

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

c. SC Code for standing / breathing loss

e. Vapor pressure in PSI at 25° C

g. Annual throughput in gallons

i. Total oxygen percent – gasoline only

B. Notes and Attachments

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

12

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units ?

How to delete a unit ?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK #9-6, 124,000 GAL

a. Facility's choice of emission unit name – edit as needed

12

12

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1956

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

48

c. Height / Length – feet

150

d. Diameter – feet

6124000

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

12

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NO. 2 FUEL OIL

a. Name of material

68476302

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

d. SC Code description – filled by eDEP

60

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

40301021

c. SC Code for standing / breathing loss

0.200

e. Vapor pressure in PSI at 25° C

17524181.0000

g. Annual throughput in gallons (enter 0 if not used)

i. Total oxygen percent – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

d. SC Code description – filled by eDEP

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

c. SC Code for standing / breathing loss

e. Vapor pressure in PSI at 25° C

g. Annual throughput in gallons

i. Total oxygen percent – gasoline only

B. Notes and Attachments

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Click "?" icon
for SC Code
help

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

11

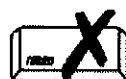
DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units ?

How to delete a unit ?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK #8-3,934,000 GAL

a. Facility's choice of emission unit name – edit as needed

11

11

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1945

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

48

120

3934000

c. Height / Length – feet

d. Diameter – feet

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

11

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NO. 2 FUEL OIL

a. Name of material

68476302

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

d. SC Code description – filled by eDEP

60

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

40301021

c. SC Code for standing / breathing loss

0.200

e. Vapor pressure in PSI at 25° C

12234127.0000

g. Annual throughput in gallons (enter 0 if not used)

i. Total oxygen percent – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

d. SC Code description – filled by eDEP

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

c. SC Code for standing / breathing loss

e. Vapor pressure in PSI at 25° C

g. Annual throughput in gallons

i. Total oxygen percent – gasoline only

B. Notes and Attachments

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

10

DEP EU# (old Point #)

1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.



How to combine units?

How to delete a unit?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK #7-3,301,000 GAL

a. Facility's choice of emission unit name – edit as needed

10

10

b. Facility's emission unit number / code – edit as needed

c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:

1/1/1962

a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

☒ no

☐ yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: ☒ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof
☒ fixed ☐ other:

Specify other

48

110

3301000

c. Height / Length – feet

d. Diameter – feet

e. Capacity – gallons

6. Construction: ☒ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008

Year of record

10

DEP EU# (old Point #)

1191014

Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

KEROSENE

a. Name of material

8008206

b. CAS number if single chemical

PETROLEUM STORAGE DIST FUEL NO.2

d. SC Code description – filled by eDEP

60

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

40301021

c. SC Code for standing / breathing loss

0.500

e. Vapor pressure in PSI at 25° C

7384983.0000

g. Annual throughput in gallons (enter 0 if not used)

i. Total oxygen percent – gasoline only

8. New material stored (enter new material if contents changed during year of record):

a. Name of material

b. CAS number if single chemical

d. SC Code description – filled by eDEP

f. Temperature – typical storage temp. in °Fahrenheit

h. RVP – gasoline only

j. Oxygenate name – gasoline only

c. SC Code for standing / breathing loss

e. Vapor pressure in PSI at 25° C

g. Annual throughput in gallons

i. Total oxygen percent – gasoline only

B. Notes and Attachments

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-TES

Total Emissions Statement & Hazardous Air Pollutant List

2008

Year of record

1191014

Facility AQ identifier

A. Annual Total Emissions Statement

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Facility Identifiers:

SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier – SSEIS ID number

2. **Total Emissions** - This form calculates your facility's actual and potential emissions by adding the emissions you entered in forms for each emission unit. The results are displayed in the table below. You must validate forms for each emission unit before the results below can be complete. To enter HAP emissions, see Section D.

3. **Facility-wide Emission Limits** -- Please enter facility-wide annual or short-term emissions limits below, if any. To enter HAP restrictions, see Section D.

Pollutant:	PM10	PM2.5	SO2	NO2	CO
Actual for previous year eDEP only:	0		1	0	0
	Tons	Tons	Tons	Tons	Tons
Actual for year of record:	0.0534	0.0133	2.2765	1.2825	0.2673
	Tons	Tons	Tons	Tons	Tons
Potential emissions at max capacity uncontrolled:	0.5782	0.1445	24.6296	13.8758	2.8908
	Tons	Tons	Tons	Tons	Tons
Facility-wide max allowed emissions – annual:	Tons	Tons	Tons	Tons	Tons
Facility-wide max allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:					

Pollutant:	VOC	HOC	*Reserved*	NH3	<input type="checkbox"/> CO2
Actual for previous year eDEP only:	2				
	Tons	Tons	Tons	Tons	Tons
Actual for year of record:	4.2607	0	0	0.0427	
	Tons	Tons	Tons	Tons	Tons
Potential emissions at max capacity uncontrolled:	9.7157	0	0	0.4625	
	Tons	Tons	Tons	Tons	Tons
Facility-wide max allowed emissions – annual:	Tons	Tons	Tons	Tons	Tons
Facility-wide max allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:					



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

BWP AQ AP-TES

Total Emissions Statement & Hazardous Air Pollutant List

2008

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A. Annual Total Emissions Statement (cont.)

4. If you have **facility-wide** fuel, raw material, or product restrictions, complete the following for each:

a.

DEP approval # (most recent)	Amount of restriction	Restriction units	Per unit time
Description of fuel, raw material or product restricted			

b.

DEP approval # (most recent)	Amount of restriction	Restriction units	Per unit time
Description of fuel, raw material or product restricted			

c.

DEP approval # (most recent)	Amount of restriction	Restriction units	Per unit time
Description of fuel, raw material or product restricted			

B. Greenhouse Gas List

1. Please indicate which – if any - of the following greenhouse gas chemicals are used and/or emitted by checking the appropriate box:

GHG thresholds
– what to report
and what not to
report here

Use	Emitted	Use	Emitted
<input type="checkbox"/>	<input type="checkbox"/> Nitrous oxide N2O	<input type="checkbox"/>	<input type="checkbox"/> Hydrofluorocarbons (HFC's)
<input type="checkbox"/>	<input type="checkbox"/> Sulfur Hexafluoride (SF6)	<input type="checkbox"/>	<input type="checkbox"/> Perfluorocarbons (PFCs)

C. Hazardous Air Pollutant (HAP) List

1. Does your facility use any of the Hazardous Air Pollutants regulated under Section 112 of the Clean Air Act that are listed below and on the following pages:

HAP thresholds
– what to report
and what not to
report here

☐ yes - indicate which chemicals are used and which are emitted by checking the appropriate boxes
☒ no - skip to section D.

What is a HAP ?

Hazardous Air Pollutants			Hazardous Air Pollutants		
Use	Emitted	CAS #	Use	Emitted	CAS #
<input type="checkbox"/>	<input type="checkbox"/> Acetaldehyde	75-07-0	<input type="checkbox"/>	<input type="checkbox"/> Allyl chloride	107-05-1
<input type="checkbox"/>	<input type="checkbox"/> Acetamide	60-35-5	<input type="checkbox"/>	<input type="checkbox"/> 4-Aminobiphenyl	92-67-1
<input type="checkbox"/>	<input type="checkbox"/> Acetonitrile	75-05-8	<input type="checkbox"/>	<input type="checkbox"/> Aniline	62-53-3
<input type="checkbox"/>	<input type="checkbox"/> Acetophenone	98-86-2	<input type="checkbox"/>	<input type="checkbox"/> o-Anisidine	90-04-0
<input type="checkbox"/>	<input type="checkbox"/> 2-Acetylaminofluorene	53-96-3	<input type="checkbox"/>	<input type="checkbox"/> Asbestos	1332-21-4
<input type="checkbox"/>	<input type="checkbox"/> Acrolein	107-02-8	<input type="checkbox"/>	<input type="checkbox"/> Benzene	71-43-2
<input type="checkbox"/>	<input type="checkbox"/> Acrylamide	79-06-1	<input type="checkbox"/>	<input type="checkbox"/> Benzidine	92-87-5
<input type="checkbox"/>	<input type="checkbox"/> Acrylic acid	79-10-7	<input type="checkbox"/>	<input type="checkbox"/> Benzotrifluoride	98-07-7
<input type="checkbox"/>	<input type="checkbox"/> Acrylonitrile	107-13-1	<input type="checkbox"/>	<input type="checkbox"/> Benzyl chloride	100-44-7



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C. Hazardous Air Pollutant (HAP) List (cont.)

Use	Emitted	CAS #	Use	Emitted	CAS #		
<input type="checkbox"/>	<input type="checkbox"/>	Biphenyl	92-52-4	<input type="checkbox"/>	<input type="checkbox"/>	2,4-Dinitrotoluene	121-14-2
<input type="checkbox"/>	<input type="checkbox"/>	Bis(2-ethylhexyl)phthalate	117-81-7	<input type="checkbox"/>	<input type="checkbox"/>	1,4-Dioxane (1,4-Diethyleneoxide)	123-91-1
<input type="checkbox"/>	<input type="checkbox"/>	Bis(chloromethyl)ether	542-88-1	<input type="checkbox"/>	<input type="checkbox"/>	1,2-Diphenylhydrazine	122-66-7
<input type="checkbox"/>	<input type="checkbox"/>	Bromoform	75-25-2	<input type="checkbox"/>	<input type="checkbox"/>	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	106-89-8
<input type="checkbox"/>	<input type="checkbox"/>	1,3-Butadiene	106-99-0	<input type="checkbox"/>	<input type="checkbox"/>	1,2-Epoxybutane (1,2-Butylene oxide)	106-88-7
<input type="checkbox"/>	<input type="checkbox"/>	Calcium cyanamide	156-62-7	<input type="checkbox"/>	<input type="checkbox"/>	Ethyl acrylate	140-88-5
<input type="checkbox"/>	<input type="checkbox"/>	Captan	133-06-2	<input type="checkbox"/>	<input type="checkbox"/>	Ethyl benzene	100-41-4
<input type="checkbox"/>	<input type="checkbox"/>	Carbaryl	63-25-2	<input type="checkbox"/>	<input type="checkbox"/>	Ethyl carbamate (Urethane)	51-79-6
<input type="checkbox"/>	<input type="checkbox"/>	Carbon disulfide	75-15-0	<input type="checkbox"/>	<input type="checkbox"/>	Ethyl chloride (Chloroethane)	75-00-3
<input type="checkbox"/>	<input type="checkbox"/>	Carbon tetrachloride	56-23-5	<input type="checkbox"/>	<input type="checkbox"/>	Ethylene dibromide (1,2-Dibromoethane)	106-93-4
<input type="checkbox"/>	<input type="checkbox"/>	Carbonyl sulfide	463-58-1	<input type="checkbox"/>	<input type="checkbox"/>	Ethylene dichloride (1,2-Dichloroethane)	107-06-2
<input type="checkbox"/>	<input type="checkbox"/>	Catechol	120-80-9	<input type="checkbox"/>	<input type="checkbox"/>	Ethylene glycol	107-21-1
<input type="checkbox"/>	<input type="checkbox"/>	Chloramben	133-90-4	<input type="checkbox"/>	<input type="checkbox"/>	Ethylene imine (Aziridine)	151-56-4
<input type="checkbox"/>	<input type="checkbox"/>	Chlordane	57-74-9	<input type="checkbox"/>	<input type="checkbox"/>	Ethylene oxide	75-21-8
<input type="checkbox"/>	<input type="checkbox"/>	Chlorine	7782-50-5	<input type="checkbox"/>	<input type="checkbox"/>	Ethylene thiourea	96-45-7
<input type="checkbox"/>	<input type="checkbox"/>	Chloroacetic acid	79-11-8	<input type="checkbox"/>	<input type="checkbox"/>	Ethylidene dichloride (1,1-Dichloroethane)	75-34-3
<input type="checkbox"/>	<input type="checkbox"/>	2-Chloroacetophenone	532-27-4	<input type="checkbox"/>	<input type="checkbox"/>	Formaldehyde	50-00-0
<input type="checkbox"/>	<input type="checkbox"/>	Chlorobenzene	108-90-7	<input type="checkbox"/>	<input type="checkbox"/>	Heptachlor	76-44-8
<input type="checkbox"/>	<input type="checkbox"/>	Chlorobenzilate	510-15-6	<input type="checkbox"/>	<input type="checkbox"/>	Hexachlorobenzene	118-74-1
<input type="checkbox"/>	<input type="checkbox"/>	Chloroform	67-66-3	<input type="checkbox"/>	<input type="checkbox"/>	Hexachloro-butadiene	87-68-3
<input type="checkbox"/>	<input type="checkbox"/>	Chloromethyl methyl ether	107-30-2	<input type="checkbox"/>	<input type="checkbox"/>	Hexachlorocyclopentadiene	77-47-4
<input type="checkbox"/>	<input type="checkbox"/>	Chloroprene	126-99-8	<input type="checkbox"/>	<input type="checkbox"/>	Hexachloroethane	67-72-1
<input type="checkbox"/>	<input type="checkbox"/>	Cresols (mixed isomers)	1319-77-3	<input type="checkbox"/>	<input type="checkbox"/>	Hexamethylene-1,6-diisocyanate	822-06-0
<input type="checkbox"/>	<input type="checkbox"/>	m-Cresol	108-39-4	<input type="checkbox"/>	<input type="checkbox"/>	Hexamethylphosphoramide	680-31-9
<input type="checkbox"/>	<input type="checkbox"/>	o-Cresol	95-48-7	<input type="checkbox"/>	<input type="checkbox"/>	Hexane	110-54-3
<input type="checkbox"/>	<input type="checkbox"/>	p-Cresol	106-44-5	<input type="checkbox"/>	<input type="checkbox"/>	Hydrazine	302-01-2
<input type="checkbox"/>	<input type="checkbox"/>	Cumene	98-82-8	<input type="checkbox"/>	<input type="checkbox"/>	Hydrochloric acid	7647-01-0
<input type="checkbox"/>	<input type="checkbox"/>	2,4-D, salts and esters	94-75-7	<input type="checkbox"/>	<input type="checkbox"/>	Hydrogen fluoride	7664-39-3
<input type="checkbox"/>	<input type="checkbox"/>	DDE	72-55-9	<input type="checkbox"/>	<input type="checkbox"/>	Hydrogen sulfide	7783-06-4
<input type="checkbox"/>	<input type="checkbox"/>	Diazomethane	334-88-3	<input type="checkbox"/>	<input type="checkbox"/>	Hydroquinone	123-31-9
<input type="checkbox"/>	<input type="checkbox"/>	Dibenzofuran	132-64-9	<input type="checkbox"/>	<input type="checkbox"/>	Isophorone	78-59-1
<input type="checkbox"/>	<input type="checkbox"/>	1,2-Dibromo-3-chloropropane	96-12-8	<input type="checkbox"/>	<input type="checkbox"/>	Lindane	58-89-9
<input type="checkbox"/>	<input type="checkbox"/>	Dibutylphthalate	84-74-2	<input type="checkbox"/>	<input type="checkbox"/>	Maleic anhydride	108-31-6
<input type="checkbox"/>	<input type="checkbox"/>	1,4-Dichlorobenzene	106-46-7	<input type="checkbox"/>	<input type="checkbox"/>	Methanol	67-56-1
<input type="checkbox"/>	<input type="checkbox"/>	3,3-Dichlorobenzidine	91-94-1	<input type="checkbox"/>	<input type="checkbox"/>	Methoxychlor	72-43-5
<input type="checkbox"/>	<input type="checkbox"/>	Dichloroethylether (Bis(2-chloroethyl)ether)	111-44-4	<input type="checkbox"/>	<input type="checkbox"/>	Methyl bromide (Bromomethane)	74-83-9
<input type="checkbox"/>	<input type="checkbox"/>	1,3-Dichloropropene (1,3-Dichloropropylene)	542-75-6	<input type="checkbox"/>	<input type="checkbox"/>	Methyl chloride (Chloromethane)	74-87-3
<input type="checkbox"/>	<input type="checkbox"/>	Dichlorvos	62-73-7	<input type="checkbox"/>	<input type="checkbox"/>	Methyl chloroform (1,1,1-Trichloroethane)	71-55-6
<input type="checkbox"/>	<input type="checkbox"/>	Diethanolamine	111-42-2	<input type="checkbox"/>	<input type="checkbox"/>	Methyl ethyl ketone (not required)	78-93-3
<input type="checkbox"/>	<input type="checkbox"/>	N,N-Diethyl aniline (N,N-Dimethylaniline)	121-69-7	<input type="checkbox"/>	<input type="checkbox"/>	Methyl hydrazine	60-34-4
<input type="checkbox"/>	<input type="checkbox"/>	Diethyl sulfate	64-67-5	<input type="checkbox"/>	<input type="checkbox"/>	Methyl iodide (Iodomethane)	74-88-4
<input type="checkbox"/>	<input type="checkbox"/>	3,3-Dimethoxybenzidine	119-90-4	<input type="checkbox"/>	<input type="checkbox"/>	Methyl isobutyl ketone (Hexone)	108-10-1
<input type="checkbox"/>	<input type="checkbox"/>	Dimethyl aminoazobenzene	60-11-7	<input type="checkbox"/>	<input type="checkbox"/>	Methyl isocyanate	624-83-9
<input type="checkbox"/>	<input type="checkbox"/>	3,3-Dimethyl benzidine	119-93-7	<input type="checkbox"/>	<input type="checkbox"/>	Methyl methacrylate	80-62-6
<input type="checkbox"/>	<input type="checkbox"/>	Dimethyl carbamoyl chloride	79-44-7	<input type="checkbox"/>	<input type="checkbox"/>	Methyl tert-butyl ether	1634-04-4
<input type="checkbox"/>	<input type="checkbox"/>	Dimethyl formamide (N,N-)	68-12-2	<input type="checkbox"/>	<input type="checkbox"/>	4,4-Methylenebis(2-chloroaniline)	101-14-4
<input type="checkbox"/>	<input type="checkbox"/>	1,1-Dimethyl hydrazine	57-14-7	<input type="checkbox"/>	<input type="checkbox"/>	Methylene chloride (Dichloromethane)	75-09-2
<input type="checkbox"/>	<input type="checkbox"/>	Dimethyl phthalate	131-11-3	<input type="checkbox"/>	<input type="checkbox"/>	Methylene diphenyl diisocyanate(MDI)	101-68-8
<input type="checkbox"/>	<input type="checkbox"/>	Dimethyl sulfate	77-78-1	<input type="checkbox"/>	<input type="checkbox"/>	4,4-Methylenedianiline	101-77-9
<input type="checkbox"/>	<input type="checkbox"/>	4,6-Dinitro-o-cresol and salts	534-52-1	<input type="checkbox"/>	<input type="checkbox"/>	Naphthalene	91-20-3
<input type="checkbox"/>	<input type="checkbox"/>	2,4-Dinitrophenol	51-28-5	<input type="checkbox"/>	<input type="checkbox"/>	Nitrobenzene	98-95-3



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C. Hazardous Air Pollutant (HAP) List (cont.)

Use	Emitted	CAS #	Use	Emitted	CAS #
<input type="checkbox"/>	<input type="checkbox"/> 4-Nitrobiphenyl	92-93-3	<input type="checkbox"/>	<input type="checkbox"/> Vinylidene chloride (1,1-Dichloroethylene)	75-35-4
<input type="checkbox"/>	<input type="checkbox"/> 4-Nitrophenol	100-02-7	<input type="checkbox"/>	<input type="checkbox"/> Xylene (mixed isomers)	1330-20-7
<input type="checkbox"/>	<input type="checkbox"/> 2-Nitropropane	79-46-9	<input type="checkbox"/>	<input type="checkbox"/> m-Xylene	108-38-3
<input type="checkbox"/>	<input type="checkbox"/> N-Nitrosodimethylamine	62-75-9	<input type="checkbox"/>	<input type="checkbox"/> o-Xylene	95-47-6
<input type="checkbox"/>	<input type="checkbox"/> N-Nitrosomorpholine	59-89-2	<input type="checkbox"/>	<input type="checkbox"/> p-Xylene	106-42-3
<input type="checkbox"/>	<input type="checkbox"/> N-Nitroso-N-methylurea	684-93-5	<input type="checkbox"/>	<input type="checkbox"/> Antimony	7440-36-0
<input type="checkbox"/>	<input type="checkbox"/> Parathion	56-38-2			
<input type="checkbox"/>	<input type="checkbox"/> Pentachloronitrobenzene (Quintozone)	82-68-8		Arsenic compounds:	
<input type="checkbox"/>	<input type="checkbox"/> Pentachlorophenol	87-86-5	<input type="checkbox"/>	<input type="checkbox"/> Arsenic	7440-38-2
<input type="checkbox"/>	<input type="checkbox"/> Phenol	108-95-2	<input type="checkbox"/>	<input type="checkbox"/> Arsine	7784-42-1
<input type="checkbox"/>	<input type="checkbox"/> p-Phenylenediamine	106-50-3			
<input type="checkbox"/>	<input type="checkbox"/> Phosgene	75-44-5		Other Metals:	
<input type="checkbox"/>	<input type="checkbox"/> Phosphine	7803-51-2	<input type="checkbox"/>	<input type="checkbox"/> Beryllium	7440-41-7
<input type="checkbox"/>	<input type="checkbox"/> Phosphorous	7723-14-0	<input type="checkbox"/>	<input type="checkbox"/> Cadmium	7440-43-9
<input type="checkbox"/>	<input type="checkbox"/> Phthalic anhydride	85-44-9	<input type="checkbox"/>	<input type="checkbox"/> Chromium	7440-47-3
<input type="checkbox"/>	<input type="checkbox"/> PCBs	1336-36-3	<input type="checkbox"/>	<input type="checkbox"/> Cobalt	7440-48-4
<input type="checkbox"/>	<input type="checkbox"/> 1,3- Propane sultone	1120-71-4	<input type="checkbox"/>	<input type="checkbox"/> Lead	7439-92-1
<input type="checkbox"/>	<input type="checkbox"/> beta-Propiolactone	57-57-8	<input type="checkbox"/>	<input type="checkbox"/> Manganese	7439-96-5
<input type="checkbox"/>	<input type="checkbox"/> Propionaldehyde	123-38-6	<input type="checkbox"/>	<input type="checkbox"/> Mercury	7439-97-6
<input type="checkbox"/>	<input type="checkbox"/> Propoxur (Baygon)	114-26-1	<input type="checkbox"/>	<input type="checkbox"/> Nickel	7440-02-0
<input type="checkbox"/>	<input type="checkbox"/> Propylene dichloride (1,2 Dichloropropane)	78-87-5	<input type="checkbox"/>	<input type="checkbox"/> Selenium	7782-49-2
<input type="checkbox"/>	<input type="checkbox"/> Propylene oxide	75-56-9			
<input type="checkbox"/>	<input type="checkbox"/> 1,2-Propylenimine (2-Methyl aziridine)	75-55-8	<input type="checkbox"/>	<input type="checkbox"/> Coke oven emissions	
<input type="checkbox"/>	<input type="checkbox"/> Quinoline	91-22-5			
<input type="checkbox"/>	<input type="checkbox"/> Quinone	106-51-4	<input type="checkbox"/>	<input type="checkbox"/> Cyanide compounds (XCN where X=H or any other group where a formal dissociation may occur)	
<input type="checkbox"/>	<input type="checkbox"/> Styrene	100-42-5	<input type="checkbox"/>	<input type="checkbox"/> Hydrogen cyanide	74-90-8
<input type="checkbox"/>	<input type="checkbox"/> Styrene oxide	96-09-3			
<input type="checkbox"/>	<input type="checkbox"/> 2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	<input type="checkbox"/>	<input type="checkbox"/> Glycol ethers (include mono- and di- esters of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH ₂ CH ₂) _n -OR' where n = 1, 2, or 3; R = alkyl C7 or less; or R= phenyl or alkyl substituted phenyl; R' = H or alkyl C7 or less; or OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate or sulfonate.	
<input type="checkbox"/>	<input type="checkbox"/> 1,1,2,2-Tetrachloroethene	79-34-5	<input type="checkbox"/>	<input type="checkbox"/> Fine mineral fibers (includes glass microfibers, glass wool fibers, rock wool fibers and slag wool fibers, each characterized as "respirable" (fiber diameter < 3.5 micrometers) and possessing an aspect ratio (fiber length divided by fiber diameter) > 3)	
<input type="checkbox"/>	<input type="checkbox"/> Tetrachloroethylene (Perchloroethylene)	127-18-4	<input type="checkbox"/>	<input type="checkbox"/> Polycyclic Organic Matters (POM) (includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100 C)	
<input type="checkbox"/>	<input type="checkbox"/> Titanium tetrachloride	7550-45-0	<input type="checkbox"/>	<input type="checkbox"/> Radionuclides (a type of atom which spontaneously undergoes radioactive decay)	
<input type="checkbox"/>	<input type="checkbox"/> Toluene	108-88-3			
<input type="checkbox"/>	<input type="checkbox"/> Toluene-2,4- diamine	95-80-7			
<input type="checkbox"/>	<input type="checkbox"/> 2,4-Toluene diisocyanate	584-84-9			
<input type="checkbox"/>	<input type="checkbox"/> o-Toluidene	95-53-4			
<input type="checkbox"/>	<input type="checkbox"/> 1,2,4-Trichlorobenzene	120-82-1			
<input type="checkbox"/>	<input type="checkbox"/> 1,1,2-Trichloroethane	79-00-5			
<input type="checkbox"/>	<input type="checkbox"/> Trichloroethylene	79-01-6			
<input type="checkbox"/>	<input type="checkbox"/> 2,4,5-Trichlorophenol	95-95-4			
<input type="checkbox"/>	<input type="checkbox"/> Triethylamine	121-44-8			
<input type="checkbox"/>	<input type="checkbox"/> Trifluralin	1582-09-8			
<input type="checkbox"/>	<input type="checkbox"/> 2,2,4-Trimethylpentane	540-84-1			
<input type="checkbox"/>	<input type="checkbox"/> Vinyl acetate	108-05-4			
<input type="checkbox"/>	<input type="checkbox"/> Vinyl bromide	593-60-2			
<input type="checkbox"/>	<input type="checkbox"/> Vinyl chloride	75-01-4			



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D. Hazardous Air Pollutant Emissions

1. Does the facility have the potential to emit (PTE) 10 tons of any single listed Hazardous Air Pollutant (HAP)?
☐ yes ☒ no
2. Does the facility have the potential to emit (PTE) a total of 25 tons of any combination of listed Hazardous Air Pollutants (HAPs)?
☐ yes ☒ no
3. Does the facility have a restriction on total HAPS?
☐ yes ☒ no
4. Are you required to report HAP emissions here for any other reason? (e.g., a permit condition)
☐ yes ☒ no
5. If you answered "yes" to any of the questions 1- 4 above you need to report your single largest HAP emissions and your total HAP emissions for the year. You also need to report emissions for any HAP for which you have an emissions restriction. eDEP will generate additional pages needed to enter that data. If you wish to submit additional HAP data, you may add them to the HAP pages that follow or in the attachments and notes sections below.

E. Notes and Attachments

1. **Notes:** Please include in the space below any additional information that will help DEP understand your submission.

2. **Attachments:**

- ☐ Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that **cannot** be sent electronically, please list all such attachments in the notes field above and deliver them to DEP with a paper copy of this form.

600 GALLONS
1000 GALLONS

13 TANKS

2008 QUINCY TERMINAL TOTALS

	<u>GALLONS</u>	<u>BARRELS</u>
#2 OIL	38,942,625	927,205.36
KERO	7,384,983	175,832.93
DIESEL	13,795,930	328,474.52
JP5	2,531,623	60,276.74
RED DYE	902	
ULTRA LOW SULFUR DIESEL ADDITIVE	2555	(X TANK)
#605 HEAVY OIL	8,277,737	197,088.97

TANK #
#10, 9, 12 ✓
#7
#5, #8
#4, #6

#11
33,000 bbls

2008 TRT TERMINAL TOTALS

	<u>GALLONS</u>	<u>BARRELS</u>	<u>METRIC TONS</u>
#2 OIL			
TK #5	11,231,917	267,426.59	
TK #6	8,526,268	203,006.39	
CAUSTIC SODA			12,991
DYE	0		
RETAIL DIESEL	80,036	1,904	

#4 12000 bbls
#6 54000 bbls

BOILER - FEED THROUGH
TANK

#10 96,000 bbls
MAX

#9 146,000 bbls

#12 83,000 bbls

#7 79,000 bbls

KERO #5

ONE TANK @ TIME
SOMETIME 9 + 12

12,000 bbls #8 94,000 bbls

2008 QUINCY TERMINAL TOTALS

All in gallons

X-2 Roadforce 1,679.5

X-3 #2 office furnace tank 1,623

X-4 Jet add. 0

(*) X-5 red dye 50

(*) X-6 red dye 478.9

(*) X-7 Heat force 93

X-12 Lubricity 3,121

Boilers

#1 ~~X~~ - Hodge Boiler 84,258 (80%)

#2 ~~X~~ - York 21,065

Total (X-13) 105,323

? TANK #

We do have that office furnace

4TH
↓
Starts

X-9 JET A FILTER

X-13 TANK on BORER

> CHK
ON
THIS.

X-5

X-6

X-7

X-9

X-11

X-12

GZA GEOENVIRONMENTAL, INC.
 ENVIRONMENTAL CHEMISTRY LABORATORY
 106 SOUTH STREET, HOPKINTON, MA 01748 (781) 278-4700
 MASSACHUSETTS LABORATORY I.D. NO. MA092

**MADEP VOLATILE PETROLEUM HYDROCARBONS (VPH) / ME DEP 4.2.17 - GRO / EPA Method 8015B GRO
 PURGEABLES IN AQUEOUS AND/OR SOLID MATRIX**

QUALITY CONTROL

DATE: 01/15/07 Solid

METHOD BLANK	AQUEOUS ug/L-PPB	SOLID mg/kg - PPM	
HYDROCARBON FRACTIONS			
C5-C8 Aliphatics	<25	<1.0	
C9-C12 Aliphatics	<25	<1.0	
C9-C10 Aromatics	<25	<1.0	
TARGET COMPOUNDS			
Methyl tert butyl ether	<5.0	<0.25	
Benzene	<1.0	<0.10	
Toluene	<1.0	<0.10	
Ethylbenzene	<1.0	<0.10	
m,p-Xylenes	<1.0	<0.10	
o-Xylene	<1.0	<0.10	
Naphthalene	<2.0	<0.20	
Surrogate:	% Recovery	Limits - Aqueous	Limits - Solid
***2,5-Dibromotoluene (FID)	105	70-130	70-130
***2,5-Dibromotoluene (PID)	102	70-130	70-130

LABORATORY CONTROL SAMPLE/ DUPLICATE LCS	% Recovery LCS	% Recovery LCS-Duplicate	RPD	Limits % Recovery	Limits RPD
HYDROCARBON FRACTIONS					
C5-C8 Aliphatics	101	111	9.42	70-130	<25
C9-C12 Aliphatics	108	105	3.12	70-130	<25
C9-C10 Aromatics	94.8	96.8	2.09	70-130	<25
TARGET COMPOUNDS					
Methyl tert butyl ether	97.6	94.5	3.25	70-130	<25
Benzene	101	102	1.06	70-130	<25
Toluene	98.2	97.5	0.78	70-130	<25
Ethylbenzene	101	102	0.20	70-130	<25
m,p-Xylenes	102	102	0.59	70-130	<25
o-Xylene	95.3	96.8	1.50	70-130	<25
Naphthalene	94.4	89.8	5.00	70-130	<25
Surrogate:					
***2,5-Dibromotoluene (FID)	103	91.6			
***2,5-Dibromotoluene (PID)	99.9	91.7			



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

Source Registration Overview

Create or Amend a Source Registration Forms Package

2008

Year of Record

1191014

Facility AQ identifier

A. Create a Source Registration Package

Click "?" icons for important notes

1. Select existing or new facility:

☐ **Existing** Facilities: To create a complete package for **2008** check box.

☐ check if you added emission units or stacks since your last report.

☐ **New** Facilities – check if you have never before submitted a Source Registration

IMPORTANT!

2. Validate this form:

How do you replace units?

Date Received (DEP use only – mm/dd/yyyy)

B. Amend a Source Registration

1. If you need to correct or add to a previously submitted Source Registration for **2008** check the boxes in the list below to select the forms/units you wish to work on. Check here to add new units: ☐

2. Validate this form:

How do you amend a prior year's Source Registration?

Facility Name: **SPRAGUE ENERGY**

Our records indicate that this facility has: **17** Emission Units (points) and **3** Physical Stacks

- ☒ AP-SR Source Registration Form (general facility and contact information) – REQUIRED
☐ AP-TES Total Emissions Statement (facility-wide emissions; includes hazardous Air Pollutant (HAP) reporting).

#3 BOILER

How does the new numbering system differ from the old?

REMOVED
~ 89 91

??
??

EMP ✓
EMP ✓
EMP.

Additional units (if any) listed on following pages

	Emission unit name (from prior submittals)	Facility's ID#	DEP#	AP form	Last update
<input checked="" type="checkbox"/>	BOILER #1-HODGE/SCOTCH 10.65 MMBTU/HR #2 OIL-0.3	1	1	AP-1	2000
<input checked="" type="checkbox"/>	BOILER #2-YORK SHIPLEY SPL200-6 7.9 MMBTU/HR	2	2	AP-1	2000
<input checked="" type="checkbox"/>	HOT AIR FURNACE ARMSTRONG ULTRA 80	3	3	AP-1	2000
<input checked="" type="checkbox"/>	TRUCK LOADING RACK DISTILLATES	16	16	AP-2	2000
<input checked="" type="checkbox"/>	LOADING #2-BARGES DISTILLATES	17	17	AP-2	2000
<input checked="" type="checkbox"/>	AG TANK #1-203,826 GAL #2 OIL-0.3%S	4	4	AP-4	2000
<input checked="" type="checkbox"/>	AG TANK #2-203,532 GAL -EMPTY-	5	5	AP-4	2000
<input checked="" type="checkbox"/>	AG TANK #3-203,994 GAL #2 OIL-0.3%S	6	6	AP-4	2000
<input checked="" type="checkbox"/>	AG TANK #4-493,000 GAL KEROSENE	7	7	AP-4	2000
<input checked="" type="checkbox"/>	AG TANK #5-493,000 GAL #2 OIL-0.3%S	8	8	AP-4	2000
<input checked="" type="checkbox"/>	AG TANK #6-2,262,000 GAL #2 OIL-0.3%S	9	9	AP-4	2000
<input checked="" type="checkbox"/>	AG TANK #7-3,301,000 GAL #2 OIL-0.3%S	10	10	AP-4	2000
<input checked="" type="checkbox"/>	AG TANK #8-3,934,000 GAL #2 OIL-0.3%S	11	11	AP-4	2000

Croteau, Peter

From: Marks, Rob

Sent: Monday, August 03, 2009 11:38 AM

To: Croteau, Peter

Subject: More tank info

X-1 was remover from the site

8/3/2009